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05

BROWN AND CALDWELL

April 29, 2005

Ms. Thelma Murphy
United States Environmental Protection Agency
Water Technical Unit
P.O. Box 8127
Boston, MA 02114

Subject: NPDES Phase II Small MS4 General Permit Annual Report

Dear Ms. Murphy:

Brown and Caldwell (BC) is pleased to submit on behalf of the Town of Westminster, the Annul Report of progress in meeting their NPDES Phase II Small MS4 General Permit. The Town has taken significant steps over the past year in documenting and improving their stormwater system and practices.

In year one, funding from the Town of Westminster was secured for the Storm Water Phase II Program. The finances supported identification and implementation of the six Best Management Practices (BMP) in year two. The following is a brief description of the implementation process for each BMP. Furthermore, the results are displayed in the tables that follow the description in the attached Annual Report.

BMP #1 Public Education and Outreach

In year two a brochure was created by the Storm Water Committee (SWC) utilizing local pictures and information, as shown in Appendix A. It was decided that the brochure will be sent out the summer of 2005 via bulk mail to every citizen of the Town of Westminster. Also the brochure will be distributed at the Westminster Annual Town Meeting beginning on May 3 and will be on permanent display at the town hall.

An educational display including posters, pamphlets, and brochures will be on display at the upcoming Town Meeting. The posters and pamphlets provide information on surface water protection. The display will then be moved to the High School to provide further education and encourage interest.

The SWC collaborated to pick conceptual ideas and items for the Town of Westminster's web site with a page devoted specifically to storm water, as shown in Appendix B. The web page was designed and approved by the SWC in April and will appear on the town website in May.

BMP #2 Public Involvement and Participation

The SWC was formed in permit year two and includes a variety of individuals from the town as well as staff from BC.

Town representatives include the Department of Public Works (DPW) Director, The Superintendent of Highways, the Town Planner, and a Board of Health member. The SWC is still seeking additional members and have been in contact with local organizations such as the Conservation Commission, schools, environmental organizations, and various other community members. The SWC convenes approximately every other month and discusses important upcoming events and ideas to fulfill the BMPs. At the end of each meeting members are assigned appropriate tasks to be completed prior to the next meeting.

A catch basin stencil was selected by the SWC for the upcoming stenciling program which is anticipated to commence in the late summer of 2005. The SWC discussed the prospective stencilers which include members of the Boy Scouts, science classes, or community volunteers. The SWC is currently in correspondence with the leaders of these organizations. The stenciling procedure and personnel will be discussed at the upcoming meeting.

Volunteers will be utilized in the next year for storm water mailings, education, and programs. There is a volunteer information section on the storm water webpage and other local volunteer agencies will be contacted in the near future which include the Senior Citizens Outreach Program and the Mount Wachusett Community College.

BMP #3 Illicit Discharge and Detection

In permit year two the storm drain network was mapped and a corresponding table was produced, as displayed in Appendix C. During the summer of 2004, BC teamed with the Westminster DPW to perform several visual onsite evaluations of the storm water system. The storm water system was defined by examining each outfall while plotting the structure's location on a designated map.

After the evaluations concluded the data was entered into a GIS system. Two styles of maps were created from this information. The first type of maps produced were 11"x17" area maps which depict the storm water system in the urbanized area at an enlarged scale. The second type of map prepared was a 40"x40" wall map. This map presents the town's storm water system in its entirety.

In conjunction with the maps, a table was developed to guide the identification of each of the structures on the corresponding map. The table also provides information about the specific structures, receiving waters, location, and any notes that would indicate a potential illicit discharge or questionable situation.

The combination of the map and table will provide useful information as part of the illicit discharge detection procedure for locating priority areas. The SWC has decided that the next portion of the procedure which includes methodic sampling will commence this upcoming summer and fall.

BMP #4 Construction Site Storm water Runoff Control

BMP #5 Post-Construction Storm water Management in New Development and Redevelopment

The SWC initiated discussion about town bylaws pertaining to the illicit discharge, construction runoff, and post-construction management. The SWC was presented with examples of other local town bylaws and the "Adoption of Local Storm Water Bylaws" provided by The Office of Massachusetts Attorney General Tom Reilly.

These documents were reviewed by the committee and will help in the creating or amending of town bylaws in the following year. The committee hopes to present these bylaws at the Westminster Annual Town Meeting in May 2006.

Furthermore, the Town Planner whom is on the SWC informed the committee that the Planning Board recently created bylaws consisting of rules and regulations for subdivisions according to the DEP's stormwater standards for erosion control and other stormwater issues. Therefore, these bylaws will provide a framework and will help the SWC establish more extensive storm water bylaws for illicit discharges, construction site runoff, and post-construction site runoff in Westminster's urbanized area.

The SWC initiated discussion about a town guidance document that would follow the passage of the storm water bylaws. The town guidance document would contain the following: the storm water bylaws, parameters of the pre-construction review, inspection procedures, and penalty provisions.

BMP #6 Pollution Prevention and Good Housekeeping in Municipal Operations
The Town of Westminster's DPW conducts a yearly personnel training focused on educating their employees on good housekeeping measures in their municipal operation. Also the DPW conducts annual street cleaning commencing as soon as the snow melts, generally in the early spring. The street cleaning material is removed and transferred to the landfill. Further, all catch basins are cleaned annually, commencing in the spring, by an outside contractor. The waste material accumulated during the cleaning is disposed of at the Westminster Landfill.

In summary, the Town of Westminster has had a productive permit year two, from forming a committee to educating the public and much more. The SWC has a strong hold on the future goals of the storm water program in relation to the BMP's set out by the EPA.

If you have any questions or comments please feel free to contact at your earliest convenience.

Very Truly Yours,
Brown and Caldwell

Steven Perdios
Project Engineer

CC:
Massachusetts Department of Environmental Protection
Division of Watershed Management
627 Main Street
Worcester, Massachusetts 01608

Municipality/Organization:	Town of Westminster
EPA NPDES Permit Number:	MAR041233
MaDEP Transmittal Number:	W-040498
Annual Report Number & Reporting Period:	**No. 2: March 04-March 05**

NPDES PII Small MS4 General Permit Annual Report

Part I. General Information

Contact Person: Mr. Bill Wintturi Title: DPW Director

Telephone #: (978) 874-5572 Email: westdpw@gis.net

Certification:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature: Alan E Bedard

Printed Name: Alan E. Bedard

Title: Public Works, Chairman

Date: 5/2/2005

Part II. Self-Assessment

The Town of Westminster (the "Town") has completed the required self assessment and has determined that our municipality is in compliance with all permit conditions, except for the following provisions:

Part I.D.3	The Town has yet to determine storm water waste load allocation provisions of the total maximum daily load (TMDL). This is in process.
Part II.B and C.	This is in process.

Part III. Summary of Minimum Control Measures

1. Public Education and Outreach

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 1 (Reliance on non-municipal partners indicated, if any)	Progress on Goal(s) – Permit Year 2	Planned Activities- Permit Year 3
01	Storm Water Ed. Program	Bill Wintturi	Information Pamphlet Series	Secured project funding; Selected BMP's.	A pamphlet was created and decided upon by the SW committee.	SW Committee will distribute pamphlet in a bulk mailing.
02	Public School Outreach	Bill Wintturi	Educational Display	Secured project funding; Selected BMP's.	SW Committee initiated contact with a Science Teacher to help with committee and display.	SW Committee will initiate presentation display.
03	Internet Outreach	Bill Wintturi	Town Web link to SW Page	Secured project funding; Selected BMP's.	SW web design was selected and submitted to the town website.	SW web design will appear on town website and be updated accordingly.
04	Storm Drain Awareness	Bill Wintturi	Stencil Storm Drains	Secured project funding; Selected BMP's.	One stencil was selected.	Selected storm drains will be stenciled.

1a. Additions

2. Public Involvement and Participation

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 1 (Reliance on non-municipal partners indicated, if any)	Progress on Goal(s) – Permit Year 2	Planned Activities- Permit Year 3
01	Storm Water Ed. Program	Bill Wintturi	Information Pamphlet Series	Secured project funding; Selected BMP's.	A pamphlet was created and decided upon by the SW committee.	SW Committee will distribute pamphlet in a bulk mailing.
04	Storm Drain Awareness	Bill Wintturi	Stencil Storm Drains	Secured project funding; Selected BMP's.	One stencil was selected.	Selected storm drains should be stenciled.
05	Public Announcement	Bill Wintturi	Public Notice/ Newspaper Notice	Secured project funding; Selected BMP's.	None.	Public announcement (PA) will be drafted. PA will be posted within Town Hall and local newspaper.
06	Town Committee	Bill Wintturi	Identify Interested Members	Secured project funding; Selected BMP's.	SW Committee was established and working meetings were held.	SW Committee will continue to meet to decide SW issues and also continue to attract new members.

2a. Additions

3. Illicit Discharge Detection and Elimination

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 1 (Reliance on non-municipal partners indicated, if any)	Progress on Goal(s) – Permit Year 2	Planned Activities- Permit Year 3
07	Storm Sewer System Map	Bill Wintturi	Field Confirmation of Urban Outfalls	Secured project funding; Selected BMP's.	Intensive town-wide mapping was completed	
08	Illicit Discharge Detection	Bill Wintturi	Field Identification of Existing Illicit Discharges	Secured project funding; Selected BMP's.	Outfalls observed and conditions noted.	Formulate IDD plan and begin implementation.
09	Town Prohibition	Bill Wintturi	Bylaw Amendments	Secured project funding; Selected BMP's.	Initiated discussion of future regulations with SW Committee.	SW Committee will produce SW bylaw and present at town meeting.

3a. Additions

4. Construction Site Stormwater Runoff Control

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 1 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 2	Planned Activities – Permit Year 3
09	Town Prohibition	Bill Wintturi	Bylaw Amendments	Secured project funding; Selected BMP's.	Initiated discussion of future regulations with SW Committee.	SW Committee will produce SW bylaw and present at town meeting in May 2006.
10	Town License Process	Bill Wintturi	Bylaw Amendment	Secured project funding; Selected BMP's.	Initiated discussion of future regulations with SW Committee.	SW Committee will produce SW bylaw and present at town meeting in May 2006.
11	Town Guidance	Bill Wintturi	Develop SW Guidance Document	Secured project funding; Selected BMP's.	Initiated discussion of future regulations with SW Committee.	SW Committee will produce SW bylaw and present at town meeting in May 2006.

4a. Additions

6. Pollution Prevention and Good Housekeeping in Municipal Operations

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 1 (Reliance on non-municipal partners indicated, if any)	Progress on Goal(s) – Permit Year 2	Planned Activities – Permit Year 3
12	Educate Municipal Personnel	Bill Wintturi	Employee Training	Secured project funding; Selected BMP's.	Initiated discussion of future regulations with SW Committee.	Conduct annual personnel training. Documentation of DPW training.
13	Street Cleaning	Bill Wintturi	Develop Activity Schedule	Secured project funding; Selected BMP's.	Reviewed existing street cleaning schedule. Cleaned streets in the Spring.	Continue annual street cleaning. Better documentation.

6a. Additions

14	Catch Basin Cleaning	Bill Wintturi		Secured project funding; Selected BMP's.	Reviewed existing street cleaning schedule. Cleaned catch basins in the Spring.	Continue annual catch basin cleaning. Better documentation.

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7. BMPs for Meeting Total Maximum Daily Load (TMDL) Waste Load Allocations (WLA) *<<if applicable>>*

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 1 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 2	Planned Activities- Permit Year 3
01	Storm Water Ed. Program (Public Education)	Bill Wintturi	Information Pamphlet Series	Secured project funding; Selected BMP's.	A pamphlet was created and decided upon by the SW committee.	SW Committee will distribute pamphlet in a bulk mailing.
04	Storm Drain Awareness (Public Education)	Bill Wintturi	Stencil Storm Drains	Secured project funding; Selected BMP's.	One stencil was selected.	Selected storm drains will be stenciled.
06	Town Committee (Watershed Survey)	Bill Wintturi	Identify Interested Members	Secured project funding; Selected BMP's.	SW Committee was established.	SW Committee will meet and decide how to implement BMP's.
07	Storm Sewer System Map (Watershed Survey)	Bill Wintturi	Field Confirmation of Urban Outfalls	Secured project funding; Selected BMP's.	Intensive town-wide mapping was conducted.	Utilize the Maps to locate illicit discharges throughout the UA.
11	Town Guidance (Res./ Urban BMPs)	Bill Wintturi	Develop SW Guidance Document	Secured project funding; Selected BMP's.	Initiated discussion of future regulations with the SW committee.	SW Committee will produce SW bylaw and present at town meeting in May 2006.

7a. Additions

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Part IV. Summary of Information Collected and Analyzed

Part V. Program Outputs & Accomplishments (OPTIONAL)

Programmatic

Stormwater management position created/staffed	(y/n)	N
Annual program budget/expenditures	($)	$25,000 (CY'05)

Education, Involvement, and Training

Estimated number of residents reached by education program(s)	(# or %)	
Stormwater management committee established	(y/n)	Yes
Stream teams established or supported	(# or y/n)	In process
Shoreline clean-up participation or quantity of shoreline miles cleaned	(y/n or mi.)	N
Household Hazardous Waste Collection Days		
▪ days sponsored	(#)	1
▪ community participation	(%)	
▪ material collected	(tons or gal)	
School curricula implemented	(y/n)	

Legal/Regulatory

In Place

	Prior to Phase II	Under Review	Drafted	Adopted
Regulatory Mechanism Status (indicate with "X")				
▪ Illicit Discharge Detection & Elimination		x		
▪ Erosion & Sediment Control		x		
▪ Post-Development Stormwater Management		x		
Accompanying Regulation Status (indicate with "X")				
▪ Illicit Discharge Detection & Elimination		x		
▪ Erosion & Sediment Control		x		
▪ Post-Development Stormwater Management		x		

Mapping and Illicit Discharges

Outfall mapping complete	(%)	100%
Estimated or actual number of outfalls (including: pipes, Overland sheet flow, and drainage swales)	(#)	205
System-Wide mapping complete	(%)	100%
Mapping method(s)		
▪ Paper/Mylar	(%)	100%
▪ CADD	(%)	0%
▪ GIS	(%)	100%
Outfalls inspected/screened	(# or %)	80%
Illicit discharges identified	(#)	
Illicit connections removed	(#) (est. gpd)	0
% of population on sewer	(%)	
% of population on septic systems	(%)	

Construction

Number of construction starts (>1-acre)	(#)	
Estimated percentage of construction starts adequately regulated for erosion and sediment control	(%)	
Site inspections completed	(# or %)	
Tickets/Stop work orders issued	(# or %)	
Fines collected	(# and $)	
Complaints/concerns received from public	(#)	

Post-Development Stormwater Management

Estimated percentage of development/redevelopment projects adequately regulated for post-construction stormwater control	(%)	
Site inspections completed	(# or %)	
Estimated volume of stormwater recharged	(gpy)	

Operations and Maintenance

Average frequency of catch basin cleaning (non-commercial/non-arterial streets)	(times/yr)	1 time per yr
Average frequency of catch basin cleaning (commercial/arterial or other critical streets)	(times/yr)	0
Total number of structures cleaned	(#)	
Storm drain cleaned	(LF or mi.)	0
Qty. of screenings/debris removed from storm sewer infrastructure	(lbs. or tons)	210.6 tons
Disposal or use of sweepings (landfill, POTW, compost, recycle for sand, beneficial use, etc.)		Landfill
Cost of screenings disposal	($)	$0.00 Town Landfill

Average frequency of street sweeping (non-commercial/non-arterial streets)	(times/yr)	1 time per yr

Average frequency of street sweeping (commercial/arterial or other critical streets)	(times/yr)	0
Qty. of sand/debris collected by sweeping	(lbs. or tons)	
Disposal of sweepings (landfill, POTW, compost, beneficial use, etc.)	(location)	Town Landfill
Cost of sweepings disposal	($)	$0.00
Vacuum street sweepers purchased/leased	(#)	No
Vacuum street sweepers specified in contracts	(y/n)	Side Broom Sweeper

Reduction in application on public land of: ("N/A" = never used; "100%" = elimination)		
▪ Fertilizers	(lbs. or %)	
▪ Herbicides	(lbs. or %)	
▪ Pesticides	(lbs. or %)	

Anti-/De-Icing products and ratios	% NaCl % $CaCl_2$ % $MgCl_2$ % CMA % Kac % KCl % Sand	
Pre-wetting techniques utilized	(y/n)	No
Manual control spreaders used	(y/n)	Manual
Automatic or Zero-velocity spreaders used	(y/n)	Zero- velocity
Estimated net reduction in typical year salt application	(lbs. or %)	
Salt pile(s) covered in storage shed(s)	(y/n)	Yes
Storage shed(s) in design or under construction	(y/n)	No

Appendix A

Storm Water Brochure

Prevent Pollution in Our Waterways!

Tips for Homeowners

VEHICLE MAINTENANCE:
•Wash your vehicle on an unpaved surface
•Check your machinery for leaks
•Clean up spilled fluids with absorbent material (i.e. Sand) and dispose of in the trash
•Recycle used motor oil

LAWN AND GARDENS:
•Use pesticides and fertilizers sparingly (or not at all)
•Don't fertilize when rain is in the forecast
•Sweep up yard debris and compost
•Cover piles of dirt and mulch
•Vegetate bare spots in your yard

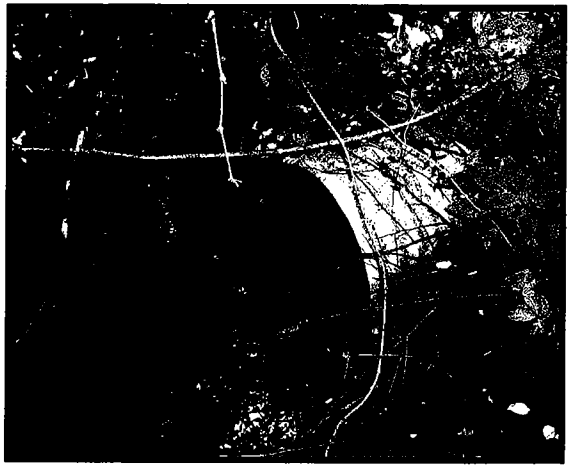
LANDSCAPE DESIGN:
•Utilize porous materials, paving stones, bricks etc., instead of asphalt for walkways
•Store fertilizer, pesticides in a shed

SEPTIC SYSTEMS:
•Pump your septic tank regularly (every 1-3 years)
•Do not flush household chemical down your drain

SWIMMING POOLS:
•Store pool chemicals in covered area
•Use care to prevent leaks and spills of chemicals
•Remove illegal discharge pipes into storm water drains

HOME REPAIR:
•Sweep up and properly dispose of construction debris such as concrete and mortar
•Use hazardous materials properly
•Send dirty cleaning water down a sink or toilet- not in a storm drain

PET CARE:
•Clean up after pet by bagging or flushing
•Dispose of kitty litter in the trash



To learn more please contact the Westminster DPW at (978) 874-5572.

Protecting Water Quality in the Town of Westminster

Town of Westminster
Storm Water Management Committee

What is Storm Water Pollution?

Storm drains collect water outside of homes and businesses and channel the water directly to water ways such as local streams and rivers, untreated. More pollutants reach our waterways through the storm drains than through sewage treatment plants and industrial discharges combined. To keep our waterways clean and healthy, it is important to keep pollutants out of the storm drain system.

What is Storm Water Runoff?

Stormwater runoff is rain or snowmelt that flows over the ground. As it flows over driveways, streets, lawns, and sidewalks; it picks up debris, chemicals, and other pollutants. Stormwater flows into drainage ditches or catch basins which are part of the municipal separate storm sewer system (or MS4's). Storm water runoff is discharged untreated, directly into lakes, streams, rivers, wetlands, or coastal waters.

The Effects of Pollution

Water that we use for swimming, fishing, recreation, or for drinking can be harmed by polluted stormwater runoff. High bacteria levels in lakes will result in swimming bans in contaminated areas. Hazardous wastes in lakes and streams will poison fish and humans. Trash washed into these lakes and streams can choke birds and small animals.

What the Federal Government Has Done About This

In 1972 Congress enacted the Clean Water Act to prohibit the discharge of any pollutants into waters of the U.S. from a point source. Later Congress prohibited polluted stormwater discharges as well. In 2003 local governments were assigned responsibility for protecting the quality of the stormwater that they discharge from their MS4's into waters of the U.S. Municipalities are now required to prepare and follow their stormwater management plan. Municipalities are using best management good housekeeping practices at town-owned facilities and during vehicle maintenance to prevent leachate from polluting the stormwater that exits the site.

What Westminster and Other Municipalities are Doing

The town of Westminster has created a Storm Water Committee that addresses important storm water issues. Westminster is implementing a variety of programs and procedures to protect the water. For example, the Westminster DPW cleans out catch basins regularly to keep debris out of the water ways. Westminster will be adopting local regulations that will prohibit dumping or discharging contaminants. Westminster and other municipalities are adopting up-to-date methods to keep our water resources clean.

What You Can Do

- Educate yourself with Storm Water pamphlets and workshops
- Get involved- become a committee member or simply volunteer when community storm water events arise
- Read the tips for homeowners and implement as many as possible
- Protect your water

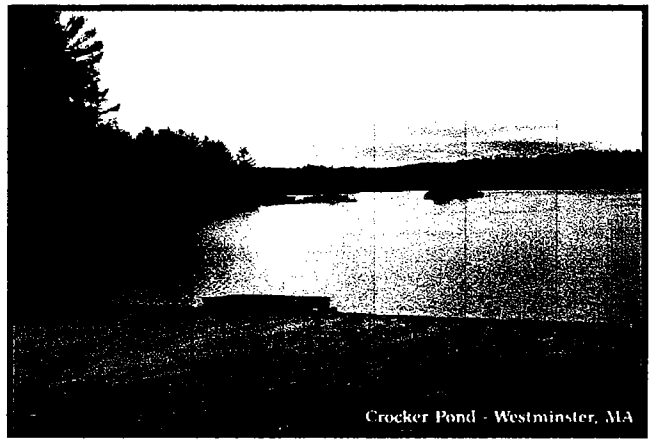


Photo was taken by Karen Murphy

Appendix B

Storm Water Website Page

The Town of Westminster Storm Water Management Committee

To volunteer for the committee click here townplanner@westminster-ma.org

What is Storm Water Pollution?

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What is Storm Water Runoff?

Storm water runoff is rain or snowmelt that flows over the ground. As it flows over driveways, streets, lawns, and sidewalks; it picks up debris, chemicals, and other pollutants. Storm water flows into drainage ditches or catch basins which are part of the municipal separate storm sewer system (or MS4's) and is discharged untreated, into our waterways.

The Effects of Pollution

Water that we use for swimming, fishing, recreation, or for drinking can be harmed by polluted storm water runoff. High bacteria levels in lakes will result in swimming bans in contaminated areas. Hazardous wastes in lakes and streams will poison fish and humans. Trash washed into these lakes and streams can choke birds and small animals.

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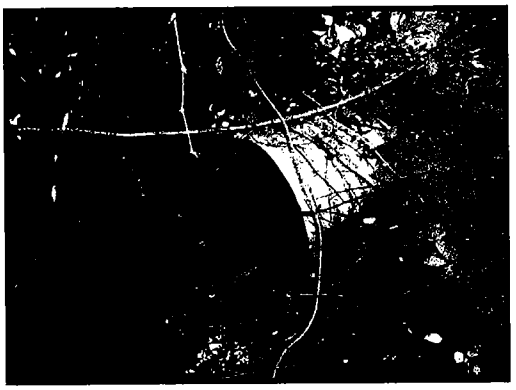
What Westminster and Other Municipalities are Doing

The town of Westminster has created a Storm Water Committee that addresses important storm water issues. Westminster is implementing a variety of programs and procedures to protect the water. For example, the Westminster DPW cleans out catch basins regularly to keep debris out of the water ways. Also, the storm water committee has created brochures, pamphlets, and posters combining the information provided by the EPA and local information to educate the local community. Westminster will be adopting local regulations that will prohibit dumping or discharging contaminants. Westminster and other municipalities are adopting up-to-date methods to keep our water resources clean.

Pollution Prevention Tips



VEHICLE MAINTENANCE:

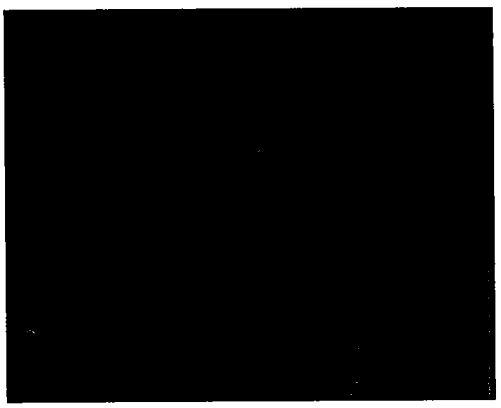
•Wash your vehicle on an unpaved surface
•Check your machinery for leaks
• Recycle used motor oil
• Clean up spilled fluids with absorbent material (i.e. Sand) & dispose of in the trash

LAWN AND GARDENS:

•Use pesticides and fertilizers sparingly (or not at all)
•Don't fertilize when rain is in the forecast
•Sweep up yard debris and compost
•Cover piles of dirt and mulch
•Vegetate bare spots in your yard

LANDSCAPE DESIGN:

•Utilize porous materials, paving stones, bricks etc., instead of asphalt for walkways
•Store fertilizer, pesticides in a shed



SEPTIC SYSTEMS:

•Pump your septic tank regularly (every 1-3 years)
•Do not flush household chemical down your drain

SWIMMING POOLS:

•Store pool chemicals in covered area
•Use care to prevent leaks and spills of chemicals
•Remove illegal discharge pipes from storm water drains

HOME REPAIR:

•Sweep up and properly dispose of construction debris such as concrete and mortar
•Use hazardous materials properly
•Send dirty cleaning water down a sink or toilet- not in a storm drain

PET CARE:

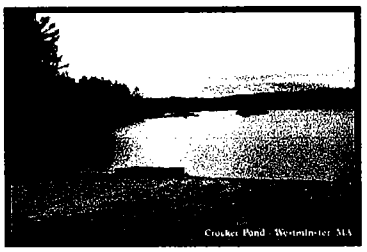
•Clean up after pet by bagging or flushing
•Dispose of kitty litter in the trash

Community Volunteers Needed:

- To educate the public about storm water and pollution prevention tips
- To participate in programs and activities
- To help monitor illicit discharge sites
- To provide ideas and information about activities for preventing storm water pollution
- To participate in the storm water committee

- To volunteer or for more information email Alicia Altieri at townplanner@westminster-ma.org
- For more local information view the MA Department of Environmental Protection (DEP) website at http://www.mass.gov/dep/brp/stormwtr/phiihelp.htm
- For National information view the Environmental Protection Agency at http://cfpub.epa.gov/npdes/home.cfm?program_id=6

The Town of Westminster has been actively participating in the EPA Storm Water Phase II Program since March 2003. This program will improve and keep Westminster's wetlands and waterways clean and healthy. A Storm Water Committee has been formed to implement the storm water program. Click on the picture to find out more about the storm water program.



Appendix C

The Town of Westminster's Storm Drain Network

- Data Table for Storm Water Drain Network
- 11"17" Urbanized Area Maps
- 40"x40" Wall Map of the entire Urbanized area

ID		Receiving H2O		Network	
AR1.0	Outfall (24" RCP)	Drain Easement	Amber Rd	CB- Outfall	Drainage Easement- stone filtration
AR1.1	CB	Drain Easement	Amber Rd	1.2 , 1.3 [in]; 1.0 [out]	CB next to #6
AR1.2	CB	Drain Easement	Amber Rd	1.4 [in]; 1.1 [out]	CB next to #6
AR1.3	CB	Drain Easement	Amber Rd	1.1 [out]	CB next to new house
AR1.4	CB	Drain Easement	Amber Rd	1.2[out]	CB next to new house
BA**	Outfall (2-18"CMP)	Wetland	Brooks Ave	located near private drive but dry	**Outfall leads into Brooks- 2 RCP's
BA1.0	Outfall (NF)	Wetland	Brooks Ave	System CB- CB on East side Rd	Couldn't locate outfall to the left #7
BA1.1	CB	Wetland	Bacon St	1.2 [in]; 1.0 [out]	
BA1.2	CB	Wetland	Main St	1.3, 1.5 [in]; 1.1 [out]	Driveway of Country Store
BA1.3	CB	Wetland	Main St	1.4 [in]; 1.2 [out]	Driveway of Country Store
BA1.4	CB	Wetland	Main St	1.3 [out]	
BA1.5	CB	Wetland	Main St	1.6 [in]; 1.2[out]	Driveway of Country Store
BA1.6	CB	Wetland	Main St	1.5 [out]	2 outfalls fm private St
BA1.7	CB	Wetland	Main St	1.6 [out]	
BA1.8	CB	Wetland	Main St	1.9 [in]; 1.6 [out]	
BA1.9	CB	Wetland	Main St	1.8 [out]	
BA1.10	DI	Wetland	Lovell St	1.11 [out]	#21 PVC- drainage
BA1.11	DI	Wetland	Lovell St	1.12, 1.10 [in]; 1.6[out]	
BA1.12	DI	Wetland	Lovell St	1.13 [in];1.11 [out]	
BA1.13	CB	Wetland	Lovell St	1.15 [in]; 1.12 [out]	
BA1.14	CB	Wetland	Lovell St	1.15 [out]	
BA1.15	CB	Wetland	Lovell St	1.14, 1.17 [in]; 1.13 [out]	
BA1.16	CB	Wetland	Lovell St	1.17 [out]	
BA1.17	CB	Wetland	Lovell St	1.16, 1.19 [in]; 1.15 [out]	
BA1.18	CB	Wetland	Lovell St	1.20 [in]; 1.19 [out]	
BA1.19	CB	Wetland	Lovell St	1.18 [in]; 1.17 [out]	
BA1.20	DI	Wetland	Lovell St	1.21 [in]; 1.18 [out]	
BA1.21	CB	Wetland	Lovell St	Outfall ** [in]; 1.2 [out]	CB had running water & no rain
BAS1.0	Outfall (12" RCP)	Unnamed Brook	Bacon St	CB- Outfall	
BAS1.1	CB	Unnamed Brook	Bacon St	1.2 [out]	
BAS1.2	CB	Unnamed Brook	Bacon St	1.3 [in]; 1.1 [out]	
BAS1.3	CB	Unnamed Brook	Bacon St	1.4 [in]; 1.2 [out]	
BAS1.4	CB	Unnamed Brook	Bacon St	1.5, 1.6 [in]; 1.3[out]	
BAS1.5	CB	Unnamed Brook	Bacon St	1.4 [out]	
BAS1.6	CB	Unnamed Brook	Bacon St	1.7, 1.8 [in]; 1.4 [out]	
BAS1.7	CB	Unnamed Brook	Bacon St	1.6 [out]	

ID		Receiving H2O		Network	
BAS1.8	CB	Unnamed Brook	Bacon St	1.9 [in]; 1.6 [out]	
BAS1.9	CB	Unnamed Brook	Bacon St	1.10 [in]; 1.8 [out]	
BAS1.10	CB	Unnamed Brook	Bacon St	1.11 [in]; 1.9 [out]	
BAS1.11	CB	Unnamed Brook	Bacon St	1.10 [out]	
BAS2.0	Outfall	Unnamed Brook	Bacon St	CB- Outfall	
BAS2.1	CB	Unnamed Brook	Bacon St	2.2 [in]; 2.0 [out]	
BAS2.2	CB	Unnamed Brook	Bacon St	2.1 [out]	
BR1.0	Outfall (DS)	R Meadow Pond	Battles Rd	Swale - Outfall	
BR1.1	Swale	R Meadow Pond	Battles Rd	1.0 [out]; 150 yd st drainage	Rock Swale
BR2.0	Outfall (DS)	R Meadow Pond	Battles Rd	Swale- Culvert- Outfall	
BR2.1	Swale	R Meadow Pond	Battles Rd	2.0[out]; 100 yd st drainage	
BR2.2	CC	R Meadow Pond	Battles Rd	Drains into pond	Connecting water sources
BR3.0	Outfall (DS)	R Meadow Pond	Battles Rd	Swale- Culvert- Outfall	#40- pvc pipe- pool (illicit discharge?)
BR3.1	Swale	R Meadow Pond	Battles Rd	3.0 [out]	
BR3.2	Swale	R Meadow Pond	Battles Rd	3.1, 3.2 [in]; 3.0 [out]	
BR3.3	Culvert	R Meadow Pond	Battles Rd	3.0 [out]	
BR4.0	Outfall (DS)	R Meadow Pond	Battles Rd	OSF- swale- Outfall	CAP crushed- side of road
BR4.1	Swale	R Meadow Pond	Battles Rd	4.2 [in]; 4.0 [out]	pile sand, debris- belongs to #47?
BR4.2	OSF	R Meadow Pond	Battles Rd	40 yds St drainage	
BR5.0	Outfall (DS)	R Meadow Pond	Battles Rd	OSF- swale- Outfall	
BR5.1	Swale	R Meadow Pond	Battles Rd	5.2 [in]; 5.0 [out]	
BR5.2	OSF	R Meadow Pond	Battles Rd	40 yds St drainage	
BRS1.0	**Outfall (18" CAP)**	**Wyman Pond**	**Bridge St**	**CB- Culvert- Outfall**	
BRS1.1	**CB**	**Wyman Pond**	**Bridge St**	**1.0 [out]**	
BRS2.0	Outfall (DS)	Wyman Pond	Bridge St	Swale- Outfall	
BRS2.1	Swale	Wyman Pond	Bridge St	2.0 [out]	swale- outfall same side rd
BSR1.0	Outfall (16" RCP)	Wetland	Betty Spring Rd	CB- Outfall	
BSR1.1	CB	Wetland	Betty Spring Rd	1.0 [out]	
BSR2.0	Outfall (12" RCP)	Wetland	Betty Spring Rd	CB- Outfall	
BSR2.1	CB	Wetland	Betty Spring Rd	2.0 [out]	
BSR3.0	Outfall (14" CMP)	Wetland	Betty Spring Rd	CB- Outfall	
BSR3.1	CB	Wetland	Betty Spring Rd	3.2 [in]; 3.0 [out]	
BSR3.2	CB	Wetland	Betty Spring Rd	3.3 [in]; 3.1 [out]	
BSR3.3	CB	Wetland	Betty Spring Rd	DMH [in]; 3.2 [out]	
BSR3.4	CB	Wetland	Betty Spring Rd	DMH [out]	
BSR3.5`	CB	Wetland	Betty Spring Rd	3.6 [in]; DMH [out]	

ID		Receiving H2O		Network	
BSR3.6	CB	Wetland	Betty Spring Rd	3.7 [in]; 3.5 [out]	
BSR3.7	CB	Wetland	Betty Spring Rd	3.6 [out]	
CL1.0	Outfall (NF)	Wetland	Carpenter Ln	CB- Outfall	
CL1.1	CB	Wetland	Scenic Dr	1.3 (12"RCP) [out]	
CL1.2	CB	Wetland	Scenic Dr	1.4 (12" RCP) [out]	
CL1.3	CB	Wetland	Scenic Dr	1.1 (12" RCP) [in]; 1.4 (12" RCP) [out]	
CL1.4	CB	Wetland	Scenic Dr	1.3, 1.2(12" RCP)[in];DMH(12" RCP)[out]	
CL1.5	CB	Wetland	Carpenter Ln	1.6 (12"RCP) [out]	
CL1.6	CB	Wetland	Carpenter Ln	DMH (12"RCP) [out]	
CL1.7	CB	Wetland	Carpenter Ln	1.8(12" RCP) [in]; (12" RCP) [out]	
CL1.8	CB	Wetland	Carpenter Ln	1.7(12"RCP) [out]	
CL1.9	CB	Wetland	Carpenter Ln	DMH (12"RCP) [out]	
CL1.10	CB	Wetland	Carpenter Ln	(12"RCP) [out]	
CR1.0	Outfall (12" CMP)	Wetland	Carter Rd	CB- Outfall	Outfall across fm #16
CR1.1	CB	Wetland	Carter Rd	1.2 (12"CMP) [in]; 1.0 (12" CMP) [out]	paired with 1.2
CR1.2	CB	Wetland	Carter Rd	1.1 (12" CMP) [out]	paired with 1.1
CR2.0	Outfall (12" CAP)	Wetland	Carter Rd	CB- Outfall	Outfall #44- heavy sedimentation
CR2.1	CB	Wetland	Carter Rd	2.2 [in]; 2.0 [out]	#44 PVC- Pool/ chlorine?
CR2.2	CB	Wetland	Carter Rd	2.3 [in]; 2.1 [out]	
CR2.3	CB	Wetland	Carter Rd	2.2 [out]	
CR3.0	Outfall (12" CAP)	Wetland	Carter Rd	DI- Culvert - Outfall	
CR3.1	DI	Wetland	Carter Rd	3.0 [out]	
CR4.0	Outfall (12" CAP)	Wetland	Carter Rd	DI- Culvert- Outfall	
CR4.1	DI	Wetland	Carter Rd	4.0 [out]	
CR5.0	Outfall (15" HDPE)	Mtghouse Res	Carter Rd	CB - Outfall	2 plastic HDP on west side Rd
CR5.1	CB	Mtghouse Res	Carter Rd	5.0 [out]	
CR6.0	Outfall (15" HDPE)	Mtghouse Res	Carter Rd	CB - Outfall	
CR6.1	CB	Mtghouse Res	Carter Rd	6.0 [out]	
CR7.0	Outfall (DS)	Mtghouse Brook	Carter Rd	Swale- Outfall	Located at end of Rd
CR7.1	Swale	Mtghouse Brook	Carter Rd	7.0 [out]	
CR8.0	Outfall (DS)	Mtghouse Brook	Carter Rd	Swale- Outfall	Located at end of Rd
CR8.1	Swale	Mtghouse Brook	Carter Rd	8.0 [out]	
CS1.0	Outfall (18" CAP)	Wetland	Church St	Swale - Culvert- Outfall	Outfall obstructed by brush
CS1.1	Bit Swale	Wetland	Church St	1.2 [out]	
CS1.2	CC	Wetland	Church St	1.0 [out]	
CS2.0	Outfall (15" CMP)	Wetland	Church St	CB- Culvert- Outfall	located @ #31

ID		Receiving H2O		Network	
CS2.1	CB	Wetland	Church St	2.2 [in]; 2.0 [out]	
CS2.2	CB	Wetland	Church St	2.3 [in]; 2.1 [out]	
CS2.3	CB	Wetland	Church St	2.2 [out]	
DR1.0	Outfall (RCP)	Drain Swale	Depot Rd	CB- Outfall *connected pipe ctr st	Fitchburg Welding ties into system
DR1.1	CB	Drain Swale	Fitchburg Weld	1.2, 1.3 [in]; 1.0 [out]	& has private permit
DR1.2	CB	Drain Swale	Fitchburg Weld	1.1 [out]	
DR1.3	CB	Drain Swale	Depot Rd	1.4 [in]; 1.1 [out]	
DR1.4	CB	Drain Swale	Fitchburg Weld	1.5, 1.6 [in]; 1.3 [out]	
DR1.5	CB	Drain Swale	Depot Rd	1.4 [out]	
DR1.6	CB	Drain Swale	Depot Rd	1.7, 1.8 [in]; 1.4 [out]	
DR1.7	CB	Drain Swale	Depot Rd	1.6 [out]	
DR1.8	CB	Drain Swale	Depot Rd	1.9 [in]; 1.6 [out]	bridge near Rt. 2
DR1.9	CB	Drain Swale	Depot Rd	1.8 [out]	
EAR1.0	Outfall (18" CMP)	Wetland	East Rd	DI- Outfall	
EAR1.1	DI	Wetland	East Rd	1.0 [out]	
EAR2.0	Outfall (OSF)	Wetland	East Rd	OSF- Outfall	
EAR2.1	OSF	Wetland	East Rd	2.0 [out]	
EAR3.0	Outfall (24" CMP)	Wetland	East Rd	CB- Outfall	
EAR3.1	CB	Wetland	East Rd	3.2 [out]	
EAR3.2	Culvert	Wetland	East Rd	3.1[in]; 3.0[out]	
EAR4.0	Outfall (12" CMP)	Wetland	East Rd	DI- Culvert- Outfall	Drainage ditch on East side of Rd
EAR4.1	DI	Wetland	East Rd	4.0 [out]	
EAR5.0	Outfall (12" CMP)	Wetland	East Rd	DI- Culvert- Outfall	#?? Pool- near pond
EAR5.1	DI	Wetland	East Rd	5.0 [out]	
EAR6.0	Outfall (12" CMP)	Wetland	East Rd	DI- Culvert- Outfall	
EAR6.1	DI	Wetland	East Rd	6.0 [out]	
EAR7.0	Outfall (12" CMP)	Wetland	East Rd	CB- Culvert- Outfall	
EAR7.1	CB	Wetland	East Rd	7.0 [out]	
EAR8.0	Outfall (12" CMP)	Wetland	East Rd	DI- CB- Outfall	
EAR8.1	CB	Wetland	East Rd	8.2 [in]; 8.0 [out]	
EAR8.2	DI	Wetland	East Rd	8.1 [out]	
ELS1.0	Outfall (12" MP)	Unnamed Brook	Elliott St	CB- Outfall	
ELS1.1	CB	Unnamed Brook	Elliott St	12" RCP 1.2 & Outfall 1.0	
ELS1.2	CB	Unnamed Brook	Elliott St	12" RCP 1.1	
ELS1.3	Culvert	Unnamed Brook	Elliott St	Culvert to Outfall	
ELS2.0	Outfall (4")	Wetland	Elliott St	DI- Outfall	

ID		Receiving H2O		Network	
ELS2.1	DI	Wetland	Elliott St	4" RCP - Outfall	
ELS3.0	Outfall (10" CMP)	Wetland	Elliott St	CB- Outfall	Outfall- Concrete headwall
ELS3.1	CB	Wetland	Elliott St	10" CMP- Outfall 3.0	Double CB
ELS3.2	CB	Wetland	Elliott St	10" CMP- Outfall 3.0	Double CB
ER1.0	Outfall (36" RCP)	Detention Area	Ellis Rd	CB- DMH- Outfall *system dwn ctr st	Outfall into Golf course
ER1.1	CB	Detention Area	Ellis Rd	1.2 [in]; 1.0 [out]	Outfall fm 36"drains to 24" & 36"
ER1.2	CB	Detention Area	Ellis Rd	1.1 [out]	across in detention area
ER1.3	CB	Detention Area	Ellis Rd	DMH [out]	Golf courses- pesticides & fertilizers
ER1.4	CB	Detention Area	Ellis Rd	DMH [out]	need to be able to monitor amount
ER1.5	CB	Detention Area	Ellis Rd	DMH [out]	that seeps into streams
ER1.6	CB	Detention Area	Ellis Rd	DMH [out]	
ER1.7	CB	Detention Area	Carter Rd	DMH [out]	
ER1.8	CB	Detention Area	Carter Rd	DMH [out]	CB in driveway #36 -(Car wash?)
ER1.9	CB	Detention Area	Ellis Rd	DMH [out]	
ER1.10	CB	Detention Area	Ellis Rd	DMH [out]	
ER1.11	CB	Detention Area	Ellis Rd	DMH [out]	
ER1.12	CB	Detention Area	Ellis Rd	DMH [out]	
ER1.13	CB	Detention Area	Ellis Rd	DMH [out]	
ER1.14	CB	Detention Area	Ellis Rd	DMH [out]	
ER1.15	CB	Detention Area	Ellis Rd	DMH [out]	
ER1.16	CB	Detention Area	Ellis Rd	DMH [out]	
ES1.0	Outfall (24" CAP)	Wetland	Eaton St	CB- Outfall	
ES1.1	CB	Wetland	Main St	1.2 [in]; 1.0 [out]	In front of Cumberland Farms
ES1.2	CB	Wetland	Main St	1.3 (12" RCP)[in];1.1(12" RCP)[out]	Across fm Cumberland Farms
ES1.3	CB	Wetland	Ellis Rd	DMH (12" RCP) [out]	
ES1.4	CB	Wetland	Main St	DMH [in]; DMH(12" RCP)[out]	In front of Wine and Roses
ES1.5	DI	Wetland	Main St	1.6(12" RCP) [in];1.4(12" RCP) [out]	In front of Wine and Roses
ES1.6	DI	Wetland	Main St	1.7(12" RCP) [in]; 1.5 (12" RCP) [out]	
ES1.7	CB	Wetland	Main St	Culvert [in];1.6 (12" RCP) [out]	
ES1.8	CB	Wetland	Main St	1.7 (12"RCP) [out]	
ES1.9	CB	Wetland	Main St	1.10(12" RCP) [in];DMH(12" RCP) [out]	Southwest of Westminster Gas
ES1.10	CB	Wetland	Main St	1.11(12" RCP)[in];1.9(12" RCP)[out]	
ES1.11	CB	Wetland	Main St	1.12(12" RCP)[in];1.10 (12" RCP)[out]	
ES1.12	CB	Wetland	Main St	1.13(12" RCP)[in];1.11(12" RCP)[out]	In front of Re Max
ES1.13	CB	Wetland	Main St	1.14 (12"RCP)[in]; 1.12(12" RCP)[out]	In front of Josephs
ES1.14	CB	Wetland	Main St	1.13 (12" RCP) [out]	In front of Josephs

ID		Receiving H2O		Network	
ES1.15	CB	Wetland	Ellis Rd	DMH (12" RCP) [out]	
ES1.16	CB	Wetland	Ellis Rd	1.17 (12"RCP)[in]; DMH(12"RCP)[out]	
ES1.17	CB	Wetland	Ellis Rd	1.18 (12" RCP)[in];1.16 (12" RCP)[out]	
ES1.18	CB	Wetland	Nichols St	1.20(12" RCP)[in];1.17(12" RCP)[out]	
ES1.19	CB	Wetland	Nichols St	1.20 (12" RCP) [out}	
ES1.20	CB	Wetland	Nichols St	1.21(12" RCP)[in];1.18(12" RCP)[out]	Laundry Mat that ties into sewer
ES1.21	CB	Wetland	Nichols St	1.22(12" RCP)[in];1.20 12" RCP)[out]	Laundry Mat that ties into sewer
ES1.22	CB	Wetland	Nichols St	1.23, 1.24(12" RCP)[in];1.21(12" RCP)[ou	Post office drains- wash vehicles
ES1.23	CB	Wetland	Nichols St	1.22(12" RCP) [out]	in parking lot
ES1.24	CB	Wetland	Howard Ave	1.25(12" RCP) [in];1.22 (12" RCP) [out]	
ES1.25	CB	Wetland	Howard Ave	1.26(12" RCP) [in];1.24 (12" RCP) [out]	
ES1.26	CB	Wetland	Howard Ave	1.27,1.28(12" RCP)[in];1.25(12" RCP)[out]	
ES1.27	CB	Wetland	Howard Ave	1.26(12" RCP) [out]	
ES1.28	CB	Wetland	Howard Ave	1.26(12" RCP) [out]	
ES1.29	CB	Wetland	Ellis Rd	(12" RCP) [out]	
ES1.30	CB	Wetland	Ellis Rd	DMH (12" RCP) [out]	
ES1.31	CB	Wetland	Ellis Rd	DMH (12" RCP) [out]	
ES1.32	CB	Wetland	Ellis Rd	(12" RCP) [out]	
ES1.33	DI	Wetland	Ellis Rd	DMH (12" RCP) [out]	
ES1.34	CB	Wetland	Ellis Rd	DMH (12" RCP) [out]	
ES1.35	CB	Wetland	Ellis Rd	DMH(12" RCP) [out]	
ES1.36	CB	Wetland	Ellis Rd	DMH(12" RCP) [out]	
ES1.36A	OSF	Wetland	Ripley Rd	50 yds st drainage	6" CMP caved in on side Rd
ES1.37	DI	Wetland	Ellis Rd	(12" RCP) [out]	
ES1.38	CB	Wetland	Ellis Rd	DMH(12" RCP) [out]	
ES1.39	CB	Wetland	Ellis Rd	DMH(12" RCP) [out]	
ES1.40	CB	Wetland	Ellis Rd	DMH (12" RCP) [out]	
ES1.41	CB	Wetland	Ellis Rd	DMH (12" RCP) [out]	
ES1.42	CB	Wetland	Ellis Rd	DMH (12" RCP) [out]	
ES1.43	DI	Wetland	Knower Rd	1.44(12" RCP) [in];1.42 (12" RCP) [out]	
ES1.44	CB	Wetland	Knower Rd	1.43(12" RCP) [out]	
ES1.45	CB	Wetland	Knower Rd	1.46(12" RCP) [out]	
ES1.46	CB	Wetland	Knower Rd	1.44(12" RCP) [in];DMH (12" RCP) [out]	
ES1.47	CB	Wetland	Ellis Rd	DMH(12" RCP)[out]	
ES1.48	CB	Wetland	Ellis Rd	DMH(12" RCP)[out]	
ES1.49	CB	Wetland	Ellis Rd	DMH(12" RCP)[out]	

ID		Receiving H2O		Network	
ES1.50	CB	Wetland	Ellis Rd	DMH(12" RCP)[out]	
ES1.51	CB	Wetland	Ellis Rd	DMH(12" RCP)[out]	
ES1.52	CB	Wetland	Ellis Rd	DMH (12" RCP) [out]	
ES1.53	CB	Wetland	Ellis Rd	DMH (12" RCP) [out]	
ES1.54	CB	Wetland	Ellis Rd	DMH (12" RCP) [out]	
ES1.55	CB	Wetland	Ellis Rd	DMH (12" RCP) [out]	
ES1.56	CB	Wetland	Ellis Rd	DMH (12" RCP) [out]	
ES1.57	CB	Wetland	Ellis Rd	DMH (12" RCP) [out]	
ES1.58	CB	Wetland	Ellis Rd	DMH(12" RCP)[out]	
ES1.59	CB	Wetland	Ellis Rd	DMH(12" RCP)[out]	
ES2.0	Outfall (NF)	Wetland	Eaton St	CB- Outfall	Outfall behind #8 didn't locate
ES2.1	CB	Wetland	Eaton St	2.2 [in]; 2.0 [out]	Beside Cumberland Farms & Exxon
ES2.2	CB	Wetland	Eaton St	2.3 [in]; 2.1 [out]	Beside Cumberland Farms & Exxon
ES2.3	CB	Wetland	Eaton St	2.2 [out]	In front of Exxon
FD1.0	Outfall (18" RCP)	Tophet Swamp	Fenno Dr	System CB- CB	Outfall located behind #22
FD1.1	CB	Tophet Swamp	Fenno Dr	1.2 [in]; 1.0 [out]	
FD1.2	CB	Tophet Swamp	Fenno Dr	1.5 [in]; 1.1 [out]	
FD1.3	CB	Tophet Swamp	Fenno Dr	1.5 [out]	
FD1.4	CB	Tophet Swamp	Fenno Dr	1.5 [out]	
FD1.5	CB	Tophet Swamp	Fenno Dr	1.4, 1.3 [in]; 1.2 [out]	
GPR1.0	Outfall (DS)	Wyman Pond	Grassy Pond	Swale- Outfall	dirt Rd 10' empty in Pond
GPR1.1	Swale	Wyman Pond	Grassy Pond	1.0 [out]	
GR1.0	Outfall (12")	Wyman Pond	Gatehouse RD	DI- Outfall	
GR1.1	DI	Wyman Pond	Gatehouse RD	1.2 (12" pipe)[out]	
GR1.2	Swale	Wyman Pond	Gatehouse RD	1.1 [in]; 1.0 [out]	
GR1.3	Culvert	Wyman Pond	Gatehouse RD	1.1 [in]; 1.0 [out]	
GR1.4	Culvert	Wyman Pond	East Rd	1.2 [out]	
HR1.0	Outfall (15" CMP)	Wyman Pond	Hy Rd	DI- CB- Outfall	
HR1.1	CB	Wyman Pond	Hy Rd	1.2, 1.5(25"CMP) [in]; 1.0(15" CMP)[out]	
HR1.2	CB	Wyman Pond	Hy Rd	1.3 (15" CMP)[in]; 1.1(15" CMP)[out]	
HR1.3	CB	Wyman Pond	Hy Rd	1.4(15" CMP)[in]; 1.2(15" CMP)[out]	
HR1.4	DI	Wyman Pond	Hy Rd	1.3 (15" CMP)[out]	
HR1.5	CB	Wyman Pond	East Rd	1.6(25" CMP)[in]; 1.1(15" CMP)[out]	
HR1.6	CB	Wyman Pond	East Rd	1.5(15" CMP)[out]	
KC1.0	Outfall (18" RCP)	Tophet Swamp	Kendall Ct	CB- Outfall	Outfall not in UA
KC1.1	CB	Tophet Swamp	Kendall Ct	1.2[in]; 1.0 [out]	

ID		Receiving H2O		Network	
KC1.2	CB	Tophet Swamp	Kendall Ct	1.3 [in]; 1.2[out]	
KC1.3	CB	Tophet Swamp	Kendall Ct	1.4[in]; 1.2[out]	
KC1.4	CB	Tophet Swamp	Kendall Ct	1.5[in]; 1.3 [out]	
KC1.5	CB	Tophet Swamp	Kendall Ct	1.6[in]; 1.4 [out]	
KC1.6	CB	Tophet Swamp	Fenno Dr	1.5[out]	
KC2.0	Outfall (18" RCP)	Tophet Swamp	Fenno Dr	CB- Outfall	10" black pipe- outfall/ Not in UA
KC2.1	CB	Tophet Swamp	Kendall Ct	2.2 [in]; 2.0 [out]	2x4" pvc- outfall
KC2.2	CB	Tophet Swamp	Kendall Ct	2.3[in]; 2.1 [out]	
KC2.3	CB	Tophet Swamp	Kendall Ct	2.4[in]; 2.2 [out]	
KC2.4	CB	Tophet Swamp	Kendall Ct	2.3[out]	
KER1.0	Outfall 9(DS)	Wyman Pond	Kent Rd	OSF- Swale- Outfall	
KER1.1	Swale	Wyman Pond	Kent Rd	1.2 [in]; 1.0[out]	
KER1.2	OSF	Wyman Pond	Kent Rd	1.1 [out]	
KER2.0	Outfall (OSF)	Wyman Pond	Kent Rd	OSF- Outfall	
KER2.1	OSF	Wyman Pond	Kent Rd	2.0[out]	
KER3.0	Outfall (OSF)	Wyman Pond	Kent Rd	OSF- Outfall	
KER3.1	OSF	Wyman Pond	Kent Rd	3.0[out]	
KR1.0	Outfall (FHDPE)	Meetinghouse Pond	Knower Rd	CB- Culvert - Outfall	Cemetery-fertilizers-pesticides?
KR1.1	CB	Wetland	Knower Rd	1.0 [out]	Storm water not controlled
LD1.0	Outfall (OSF)	Wyman Pond	Lakefield Dr	OSF- Outfall	
LD1.1	OSF	Wyman Pond	Lakefield Dr	1.0 [out]; 20 yds st drainage	
LD2.0	Outfall (DS)	Wyman Pond	Lakefield Dr	Swale- Outfall	
LD2.1	Swale	Wyman Pond	Lakefield Dr	2.0 [out]; 50 yds st drainage	
LPR1.0	Outfall (OSF)	Wyman Pond	Lakewood Pk Rd	OSF- Outfall	
LPR1.1	OSF	Wyman Pond	Lakewood Pk Rd	1.0 [out]	
LPR2.0	Outfall (OSF)	Wyman Pond	Lakewood Pk Rd	OSF- Outfall	
LPR2.1	OSF	Wyman Pond	Lakewood Pk Rd	2.0 [out]	
LS1.0	Outfall	Wetland	Leominster St	CB- Outfall	
LS1.1	CB	Wetland	Leominster St	1.2 [in]; 1.0 [out]	
LS1.2	CB	Wetland	Leominster St	1.1 [out]	
LS1.3	CB	Wetland	Leominster St	1.4 [in]; 1.1 [out]	
LS1.4	CB	Wetland	Leominster St	1.5, 1.6, 1.7 [in]; 1.3[out]	
LS1.5	CB	Wetland	Leominster St	1.4 [out]	
LS1.6	CB	Wetland	Leominster St	1.4 [out]	
LS1.7	CB	Wetland	Leominster St	1.4 [out]	
LS2.0	Outfall	Wetland	Leominster St	CB- Outfall	

ID		Receiving H2O		Network	
LS2.1	DI	Wetland	Leominster St	2.0 [out]	
LS3.0	Outfall	Drainage Ditch	Leominster St	CB- Outfall	
LS3.1	CB	Drainage Ditch	Leominster St	3.2 [in]; 3.0 [out]	
LS3.2	CB	Drainage Ditch	Leominster St	3.1 [out]	
LS4.0	Outfall	Wetland	Leominster St	CB- Outfall	
LS4.1	CB	Wetland	Leominster St	4.0 [out]	
MA1.0	Outfall	Wooded Area	Miles Ave	OSF- Outfall	No Outfall- not water of US
MA1.1	OSF	Wooded Area	Miles Ave	70 yds st drainage	30 ft Crowned Rd
MER1.0	Outfall (DS)	R Meadow Pond	Merriam Rd	Swale- Culvert- Outfall	
MER1.1	Bit Swale	R Meadow Pond	Merriam Rd	1.0 [out]; 300 yd drainage (2A)	
MER2.0	Outfall	R Meadow Pond	Merriam Rd	Swale- Outfall	
MER2.1	Swale	R Meadow Pond	Merriam Rd	2.0 [out]; 10 yds st drainage	
MER3.0	Outfall	R Meadow Pond	Merriam Rd	Swale- Outfall	
MER3.1	Swale	R Meadow Pond	Merriam Rd	3.0 [out]; 10 yds st drainage	
MER4.0	Outfall	R Meadow Pond	Merriam Rd	Swale- Outfall	
MER4.1	Swale	R Meadow Pond	Merriam Rd	4.0 [out]; 10 yds st drainage	
MH1.0	Outfall (16"CCMP)	Wetland	Marshall Hill	CB- Outfall	
MH1.1	CB	Wetland	Marshall Hill	1.2 [in]; 1.0 [out]	
MH1.2	CB	Wetland	Marshall Hill	1.1 [out]	
MH2.0	Outfall (OSF)	Wetland	Marshall Hill	OSF- Outfall	
MH2.1	OSF	Wetland	Marshall Hill	2.0 [out]	
MR1.0	Outfall	Wetland	Minott Rd	OSF- Outfall	25 ft crowned rd
MR1.1	OSF	Wetland	Minott Rd	1.0[out]; 60 yds st drainage	
MR2.0	Outfall	Wetland	Minott Rd	OSF- Swale- Outfall	25 ft crowned rd
MR2.1	OSF	Wetland	Minott Rd	2.0 [out]	
MR2.2	Bit Swale	Wetland	Minott Rd	2.1 [in]; 2.0 [out]	
MR2.3	Swale	Wetland	Minott Rd	2.1 [in]; 2.0[out]	
MR2.4	Swale	Wetland	Minott Rd	2.1 [in]; 2.0[out]	
MR2.5	Culvert	Wetland	Minott Rd	2.2, 2.3 [in]; 2.0 [out]	
MR3.0	Outfall	Wetland	Minott Rd	OSF- Outfall	25 ft crowned rd
MR3.1	OSF	Wetland	Minott Rd	3.0 [out]; 70 yds st drainage	
MR4.0	Outfall	Wetland	Minott Rd	OSF- Outfall	25 ft crowned rd
MR4.1	OSF	Wetland	Minott Rd	4.0 [out]; 50 yds st drainage	
MR5.0	Outfall	Wetland	Minott Rd	OSF- Culvert- Outfall	25 ft crowned rd/ unburmed rd
MR5.1	OSF	Wetland	Minott Rd	5.2 [out]; 50 yds st drainage	
MR5.2	CC	Wetland	Minott Rd	5.1 [in]; 5.0 [out]	

ID		Receiving H2O		Network	
MS1.0	Outfall (42" RCP)	Wetland	Main St	CB- Outfall	
MS1.1	CB	Wetland	Main St	1.0 [out]	
MS1.2	CB	Wetland	Main St	1.0 [out]	
MS1.3	CB	Wetland	Main St	1.4 [in]; 1.0 [out]	
MS1.4	CB	Wetland	Main St	1.5 [in]; 1.0 [out]	
MS1.5	CB	Wetland	Main St	1.4 [out]	
MS1.6	CB	Waterway	Main St	1.7 [in]; DMH [out]	
MS1.7	CB	Waterway	Main St	1.8 [in]; 1.6 [out]	
MS1.8	CB	Waterway	Main St	1.9 [in]; 1.7 [out]	
MS1.9	CB	Waterway	Main St	1.10 [in]; 1.8 [out]	
MS1.10	CB	Waterway	Main St	1.13 [in]; 1.9 [out]	Driveway of Vincents Country Store
MS1.11	CB	Waterway	Main St	1.12 [out]	Driveway of Vincents Country Store
MS1.12	CB	Waterway	Main St	1.11 [in]; 1.13 [out]	Driveway of Vincents Country Store
MS1.13	CB	Waterway	Main St	1.12 [in]; 1.10 [out]	Driveway of Vincents Country Store
MS1.14	CB	Waterway	South St	1.16 [in]; DMH [out]	
MS1.15	CB	Waterway	South St	1.16 [out]	
MS1.16	CB	Waterway	South St	1.15, 1.18 [in]; 1.14[out]	
MS1.17	CB	Waterway	South St	1.18 [out]	
MS1.18	CB	Waterway	South St	1.17, 1.19 [in]; 1.16 [out]	
MS1.19	CB	Waterway	South St	1.20 [in]; 1.18 [out]	
MS1.20	CB	Waterway	South St	1.21 [in]; 1.19 [out]	
MS1.21	CB	Waterway	South St	1.22 [in]; 1.20 [out]	
MS1.22	CB	Waterway	South St	1.23, 1.28 [in]; 1.21 [out]	
MS1.23	CB	Waterway	Meetinghouse Rd	1.24 [in[; 1.22 [out]	
MS1.24	CB	Waterway	Meetinghouse Rd	1.25 [in]; 1.24 [out]	
MS1.25	CB	Waterway	Meetinghouse Rd	1.26 [in]; 1.24 [out]	
MS1.26	CB	Waterway	Meetinghouse Rd	1.27 [in]; 1.25 [out]	
MS1.27	CB	Waterway	Meetinghouse Rd	1.26 [out]	
MS1.28	CB	Waterway	South St	1.22 [out]	
MS1.29	CB	Waterway	Academy Hill Rd	1.30, 1.31 [in]; DMH [out]	36"RCP gravity fed
MS1.30	CB	Waterway	Academy Hill Rd	1.29 [out]	36"RCP gravity fed
MS1.31	CB	Waterway	Academy Hill Rd	1.32 [in]; 1.29 [out]	36"RCP gravity fed
MS1.32	CB	Waterway	Academy Hill Rd	1.33, 1.34 [in]; 1.31 [out]	36"RCP gravity fed
MS1.33	CB	Waterway	Academy Hill Rd	1.32 [out]	36"RCP gravity fed
MS1.34	DI	Waterway	Academy Hill Rd	1.35 [in]; 1.32 [out]	36"RCP gravity fed
MS1.35	CB	Waterway	Academy Hill Rd	1.36, 1.37 [in]; 1.34 [out]	36"RCP gravity fed

ID		Receiving H2O		Network	
MS1.36	CB	Waterway	Academy Hill Rd	1.35 [out]	36"RCP gravity fed
MS1.37	CB	Waterway	Academy Hill Rd	1.38 [in]; 1.35 [out]	36"RCP gravity fed
MS1.38	CB	Waterway	Academy Hill Rd	1.37 [out]	36"RCP gravity fed
MS1.39	CB	Waterway	Academy Hill Rd	1.40 [in]; 1.37 [out]	36"RCP gravity fed
MS1.40	CB	Waterway	Academy Hill Rd	1.39 [out]	36"RCP gravity fed
MS2.0	Outfall (12" RCP)	Wetland	Main St	CB- Outfall	
MS2.1	CB	Wetland	Main St	2.2 [in]; 2.0 [out] (12" RCP)	
MS2.2	CB	Wetland	Main St	2.1 [out](12" RCP)	
MS3.0	Outfall	Wetland	Main St	CB- Outfall	
MS3.1	CB	Wetland	Main St	3.2 [in]; 3.0 [out]	
MS3.2	CB	Wetland	Main St	3.1 [out]	
MS4.0	Outfall	Wetland	Main St	CB- Outfall	
MS4.1	CB	Wetland	Main St	4.7 [in]; 4.0 [out]	
MS4.2	CB	Wetland	Main St	4.6 [out]	
MS4.3	CB	Wetland	Main St	4.5 [out]	
MS4.4	CB	Wetland	Main St	4.5 [out]	
MS4.5	CB	Wetland	Main St	4.3, 4.4 [in]; 4.6 [out]	
MS4.6	CB	Wetland	Main St	4.5 [in]; 4.7 [out]	
MS4.7	CB	Wetland	Main St	4.6 [in]; 4.1 [out]	
MS5.0	Outfall	Wetland	Main St	CB- Outfall	
MS5.1	CB	Wetland	Main St	5.2 [in]; 5.0 [out]	
MS5.2	CB	Wetland	Main St	5.3 [in]; 5.1 [out]	
MS5.3	CB	Wetland	Main St	5.4 [in]; 5.2 [out]	
MS5.4	CB	Wetland	Main St	5.5 [in]; 5.3 [out]	
MS5.5	CB	Wetland	Main St	5.4 [out]	
MS6.0	Outfall	Wetland	Main St	CB- Outfall	
MS6.1	CB	Wetland	Main St	6.2, 6.3 [in]; 6.0 [out]	
MS6.2	CB	Wetland	Main St	6.1 [out]	
MS6.3	CB	Wetland	Main St	6.1 [out]	
NR1.0	Outfall 12" CMP)	Wetland	Narrows Rd	Swale- Culvert- Outfall	Outfall highway 2 near bldg #64
NR1.1	Swale	Wetland	Narrows Rd	1.2, 1.0 [out]	
NR1.2	CC	Wetland	Narrows Rd	1.1 [in]; 1.0 [out]	
NR2.0	Outfall	Wetland	Narrows Rd	OSF- Outfall	
NR2.1	OSF	Veg Area	Narrows Rd	150 yd st drainage	uncurbed st- before Laurelwood
NR3.0	Outfall (12" CMP)	Wetland	Narrows Rd	CB- Outfall	Roof drain @ #73 above drain
NR3.1	CB	Wetland	Narrows Rd	3.2 [in]; 3.0 [out]	CB next #73

ID		Receiving H2O		Network	
NR3.2	CB	Wetland	Narrows Rd	3.1 [out]	CB next #75
NR4.0	Outfall (10" PCMP)	Wetland	Narrows Rd	CB- DI- Outfall	
NR4.1	DI	Wetland	Narrows Rd	4.2 [in]; 4.0 [out]	pipe runs along North side rd
NR4.2	CB	Wetland	Narrows Rd	4.1 [out]	
NR5.0	Outfall	Wymans Pond	Narrows Rd	CB- Culvert- Outfall	
NR5.0A	Outfall	Wymans Pond	Narrows Rd	CB- Outfall	
NR5.1	CB	Wymans Pond	Narrows Rd	5.2 [in]; 5.0 [out]	next to #100
NR5.1A	CB	Wymans Pond	Narrows Rd	5.0A [out]	
NR5.2	OSF	Wymans Pond	Narrows Rd	5.1 [out]	uncurbed st
NR5.3	CC	Wymans Pond	Narrows Rd	5.1 [in]; 5.0 [out]	wetlands - Wymans
NR6.0	Outfall (24" IRON)	Wymans Pond	Narrows Rd	DI- Culvert- Outfall	
NR6.1	DI	Wymans Pond	Narrows Rd	6.4 [in]; 6.0 [out]	Swales feed into on both sides of st
NR6.2	Swale	Wymans Pond	Narrows Rd	6.4 [in]; 6.0 [out]	
NR6.3	Swale	Wymans Pond	Narrows Rd	6.4 [in]; 6.0 [out]	
NR6.4	OSF	Wymans Pond	Narrows Rd	6.0 [out]	
NR6.5	OSF	Wymans Pond	Narrows Rd	6.0 [out]	
NR7.0	Outfall	Wymans Pond	Narrows Rd	OSF- Outfall	
NR7.0A	Outfall	Wetlands	Narrows Rd	OSF- Outfall	
NR7.1	OSF	Wymans Brook	Narrows Rd	7.0 [out]; 100 yd st drainage	located near fire hydrant
NR7.1A		Wetlands	Narrows Rd	7.0 [out]	
NR8.0	Outfall (DS)	Wymans Brook	Narrows Rd	Swale- Outfall	across fm #153
NR8.1	Swale	Wymans Brook	Narrows Rd	8.0 [out]	dirt swale
NR8.2	Swale	Wymans Brook	Narrows Rd	8.2 [out]	dirt swale
NR9.0	Outfall	Wymans Brook	Narrows Rd	Swale- Outfall	
NR9.1	Swale	Wymans Brook	Narrows Rd	9.0 [out]	dirt swale into brook
NR10.0	Outfall (NF)	Wymans Brook	Narrows Rd	CB- Culvert- Outfall	
NR10.1	CB	Wymans Brook	Narrows Rd	10.0 [out]	
NR11.0	Outfall	Wymans Brook	Narrows Rd	Swale- Culvert- Outfall	#157- 6" black pipe- driveway
NR11.1	Swale	Wymans Brook	Narrows Rd	11.0 [out]	dirt swale
NR11.2	Swale	Wymans Brook	Narrows Rd	11.0 [out]	dirt swale
NR11.3	CC	Wymans Brook	Narrows Rd	11.0 [out]	brook drains into Wyman Pond
NR11.4	OSF	Wymans Brook	Narrows Rd	60 yd st drainage- 11.0 [out]	
NR12.0	Outfall 12" CMP)	Wymans Brook	Narrows Rd	DI- Culvert- Outfall	Front of #169
NR12.1	DI	Wymans Brook	Narrows Rd	12.0 [out]	
NR13.0	Outfall (DS)	Wymans Brook	Narrows Rd	OSF- CB- Outfall	
NR13.1	CB	Wymans Brook	Narrows Rd	13.2,13.3 [in]; 13.0 [out]	#175 Private CB- car wash/oil leaks?

ID		Receiving H2O		Network	
NR13.2	OSF	Wymans Brook	Narrows Rd	50 yds st drainage	
NR13.3	OSF	Wymans Brook	Narrows Rd	10 yds- earthen swale	#184 next to house
NR14.0	Outfall (30" FRCP)	Wetland	Narrows Rd	CB- Outfall	
NR14.1	CB	Wetland	Narrows Rd	DMH [in]; 14.0 [out]	
NR14.2	CB	Wetland	Narrows Rd	14.3 [in]; DMH [out]	
NR14.3	CB	Wetland	Narrows Rd	14.2 [out]	
NR15.0	Outfall	Wetland	Narrows Rd	CB- Outfall	
NR15.1	CB	Wetland	Narrows Rd	15.2 [out]	
NR15.2	CB	Wetland	Narrows Rd	15.1 [in]; 15.0 [out]	
NSR1.0	Outfall (DS)	Wymans Pond	North Shore Rd	Swale- Outfall	
NSR1.1	Swale	Wymans Pond	North Shore Rd	1.0 [out]	
NSR2.0	Outfall (OSF)	Wymans Pond	North Shore Rd	OSF- Outfall	
NSR2.1	OSF	Wymans Pond	North Shore Rd	2.0 [out]	
OA1.0	Outfall (OSF)	Wyman Pond	Old Oak Ave	OSF- Outfall	dirt road about 10 ft across water flows
OA1.1	OSF	Wyman Pond	Old Oak Ave	1.0 [out]	off the sides of street
OA2.0	Outfall (OSF)	Wyman Pond	Old Oak Ave	OSF- Outfall	dirt road about 10 ft across water flows
OA2.1	OSH	Wyman Pond	Old Oak Ave	2.0 [out]	off the sides of street
OC1.0	Outfall (NF)	Wetland	Oakwood Ct	CB- Outfall	Outfall in same wetlands as WD5.0
OC1.1	CB	Wetland	Oakwood Ct	1.2[in]; 1.0 [out]	1.2 empties directly in Outfall
OC1.2	CB	Wetland	Oakwood Ct	1.1[out]	
PS1.0	Outfall	Wetland	Pleasant St	CB- Outfall	
PS1.1	CB	Wetland	Pleasant St	1.3 [in]; 1.0 [out]	
PS1.2	CB	Wetland	Pleasant St	1.3 [out]	
PS1.3	CB	Wetland	Pleasant St	1.2 [in]; 1.1 [out]	
PS2.0	Outfall	Wetland	Pleasant St	Swale- Outfall	
PS2.1	DI	Wetland	Pleasant St	1.0 [out]	
PS2.2	Swale	Wetland	Pleasant St	1.0 [out]	
PS2.3	Swale	Wetland	Pleasant St	1.0 [out]	
RIR1.0	Outfall (6"CMP)	Side of Road	Ripley Rd	Collects fm Nicholls	6" CMP caved in
RR1.0	Outfall (DS)	Wetland	Roper Rd	Swale- Outfall	
RR1.1	Swale	Wetland	Roper Rd	1.0 [out]	
RR2.0	Outfall (18" CAP)	Wetland	Roper Rd	Swale- Culvert- Outfall	Culvert- driveway
RR2.1	Swale	Wetland	Roper Rd	2.0 [out]	
RR2.2	OSF	Wetland	Roper Rd	2.0 [out]	
RR2.3	Culvert	Wetland	Roper Rd	2.0 [out]	
RR3.0	Outfall (OSF)	Wetland	Roper Rd	OSF- Outfall	dirt road not well drained

ID		Receiving H2O		Network	
RR3.1	OSF	Wetland	Roper Rd	3.0 [out]	
RS1.0	Outfall (DS)	Grnwood Pond	Ridge St	Swale- Culvert- Outfall	
RS1.1	Swale	Grnwood Pond	Ridge St	1.0 [out]	
RS1.2	CC	Grnwood Pond	Ridge St	1.0 [out]	
RS2.0	Outfall (OSF)	Wooded Area	Ridge St	No O-doesn't drain to waters of US	Located @#25
RS3.0	Outfall (NF)	Wetland	Ridge St	CB- Outfall	In b/w #31 & #33
RS3.1	CB	Wetland	Ridge St	3.0 [out]	
RS3.2	DI	Wetland	Ridge St	3.1 [out]	
RS4.0	Outfall	Wetland	Ridge St	Swale - CB- Outfall	350 yds st drainage
RS4.1	CB	Wetland	Ridge St	4.0 [out]	
RS4.2	Bit Swale	Wetland	Ridge St	4.0 [out]	
RS4.3	Bit Swale	Wetland	Ridge St	4.0 [out]	
RS4.4	OSF	Wetland	Norwood St	4.0 [out]	20 ft crowned road
SA1.0	Outfall (DS)	Wetland	Shady Ave	Swale- Outfall	Outfall Located across fm #10
SA1.1	Swale	Wetland	Shady Ave	1.0 [out]; 75 yd st drainage	20 ft wide st
SA2.0	Outfall (DS)	Wetland	Shady Ave	Swale- Outfall	Outfall Located @ #24
SA2.1	Bit Swale	Wetland	Shady Ave	2.0 [out]; 75 yd st drainage	20 ft crowned st
SA3.0	Outfall (DS)	Grnwood Pond	Shady Ave	Swale- Outfall	20 ft crowned st
SA3.1	Swale	Grnwood Pond	Shady Ave	3.0 [out]; 120 yd st drainage	
SA4.0	Outfall (DS)	Grnwood Pond	Shady Ave	swale - Outfall	20 ft crowned st
SA4.1	Swale	Grnwood Pond	Shady Ave	4.0 [out]; 80 yd st drainage	
SA5.0	Outfall (DS)	Grnwood Pond	Shady Ave	Swale- Outfall	20 ft crowned road
SA5.1	Swale	Grnwood Pond	Shady Ave	5.0 [out]; 300 yd st drainage	
SA5.2	Swale	Grnwood Pond	Shady Ave	5.0 [out]	
SA6.0	Outfall (DS)	Grnwood Pond	Shady Ave	Swale- Culvert- Outfall	Outfall Located @ #49
SA6.1	DI	Grnwood Pond	Shady Ave	6.2 [in]; 6.0 [out]	
SA6.2	Swale	Grnwood Pond	Shady Ave	6.0 [out]	
SA6.3	Swale	Grnwood Pond	Shady Ave	6.0 [out]	
SA7.0	Outfall	Grnwood Pond	Shady Ave	Swale- Outfall	
SA7.1	Swale	Grnwood Pond	Shady Ave	7.0 [out]; Takes all water Goodridge	Across fm Goodridge/ Curbed
SA8.0	Outfall (DS)	Grnwood Pond	Shady Ave	Swale- Culvert- Outfall	
SA8.1	Swale	Grnwood Pond	Shady Ave	8.0 [out]; 200 yd st drainage	
SA8.2	CC	Grnwood Pond	Shady Ave	8.0[out]	#65-Pipe outfall
SA9.0	Outfall	Grnwood Pond	Shady Ave	Swale- Outfall	
SA9.1	Swale	Grnwood Pond	Shady Ave	9.1 [out]; 30 yd st drainage	
SA10.0	Outfall	Grnwood Pond	Shady Ave	Swale- Outfall	Gardner- not included

ID		Receiving H2O		Network	
SA10.1	Swale	Grnwood Pond	Shady Ave	10.0 [out]	
SA11.0	Outfall	Grnwood Pond	Shady Ave	Swale- Outfall	
SA11.1	Swale	Grnwood Pond	Shady Ave	11.0 [out];150 yd st drainage	
SA12.0	Outfall	Grnwood Pond	Shady Ave	Swale- Outfall	
SA12.1	Swale	Grnwood Pond	Shady Ave	12.0 [out]; 130 yd st drainage	B/w #105 & 109
SA13.0	Outfall	Grnwood Pond	Shady Ave	Swale- Outfall	
SA13.1	Swale	Grnwood Pond	Shady Ave	13.0 [out]; 190 yd st drainage	B/w #116 & 120
SAR1.0	Outfall (DS)	Wetland	South Ash Rd	OSF- Swale- Outfall	25 ft crowned rd
SAR1.1	OSF	Wetland	Roper St	1.2 [out]; 50 yd st drainage	unbermed street
SAR1.2	Bit Swale	Wetland	Roper St	1.1 [in]; 1.0 [out]	
SAR2.0	Outfall (21" RCP)	Stream	South Ash Rd	OSF- CB- Culvert- Outfall	Outfall crosses rd via stone culvert
SAR2.1	CB	Stream	South Ash Rd	2.2 (21" RCP) [out]	25 ft crowned rd
SAR2.2	CB	Stream	South Ash Rd	2.1(21" RCP), 2.3 [in]; DMH [out]	Detention basin overflow
SAR2.3	CB	Stream	South Ash Rd	2.2 (21" RCP) [out]	DMH rim grate
SAR2.4	OSF	Stream	South Ash Rd	2.0 [out]; 50 yd st drainage	
SAR2.5	Culvert	Stream	South Ash Rd	2.4 [in]; 2.0 [out]; 2x1 stone culvert	
SAR2.6	CB	Stream	South Ash Rd	DMH (12" RCP) [out]	
SAR2.7	CB	Stream	South Ash Rd	DMH (12" RCP) [out]	
SAR3.0	Outfall	Stream	South Ash Rd	OSF- Culvert- Outfall	25 ft crowned rd
SAR3.1	OSF	Stream	South Ash Rd	3.0 [out]; 75 yd st drainage	20 yds unburmed st- OSF
SAR3.2	OSF	Stream	South Ash Rd	3.0 [out]; 75 yd st drainage	20 yds unburmed st- OSF
SAR3.3	Culvert	Stream	South Ash Rd	3.1, 3.2 [in]; 3.0 [out]	
SAR4.0	Outfall (12" CMP)	Veg Area	South Ash Rd	OSF- CB- Outfall	#37-PVC footing drain w/ flowing water
SAR4.1	OSF	Veg Area	South Ash Rd	4.0 [out]; 25 yds st drainage	25 ft crowned rd
SAR4.2	CB	Veg Area	South Ash Rd	4.3 [out]	
SAR4.3	CB	Veg Area	South Ash Rd	4.2 [in]; 4.0 [out]	
SAR5.0	Outfall	Veg Area	South Ash Rd	OSF- Culvert- Outfall	25 ft crowned rd
SAR5.1	CC	Veg Area	South Ash Rd	5.2[in]; 5.1[out]	
SAR5.2	OSF	Veg Area	South Ash Rd	5.1[out]	10 yds unburmed st- OSF
SAR6.0	Outfall (DS)	Veg Area	South Ash Rd	Swale- Outfall	25 ft crowned rd
SAR6.1	Stone Swale	Veg Area	South Ash Rd	6.0[out]	
SAR7.0	Outfall	Veg Area	South Ash Rd	DI- Culvert- Outfall	Outfall located @ #66
SAR7.1	DI	Veg Area	South Ash Rd	7.0[out]	25 ft crowned rd
SAR8.0	Outfall (DS)	Veg Area	South Ash Rd	OSF- DI- Outfall	Outfall located @ #85
SAR8.1	DI	Veg Area	South Ash Rd	8.1 [in]; 8.0 [out]	25 ft crowned rd
SAR8.2	OSF	Veg Area	South Ash Rd	30 yds st drainage	10 yds unburmed st

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SAR9.0	Outfall (18"RCP)	Crocker Pond	South Ash Rd	CB- Outfall	25 ft crowned rd
SAR9.1	CB	Crocker Pond	South Ash Rd	9.2[in]; 9.0 [out]	
SAR9.2	CB	Crocker Pond	South Ash Rd	9.1 [out]	
SAR9.3	CB	Crocker Pond	South Ash Rd	9.4[in]; 9.3[out]	
SAR9.4	Overflow	Crocker Pond	South Ash Rd	9.3 [out]	Detention pond overflow
SD1.0	Outfall (18" RCP)	Wetland	Scenic Dr	CB- Outfall	
SD1.1	CB	Wetland	Scenic Dr	1.2, 1.3, DMH(10" RCP)[in]; 1.0[out]	
SD1.2	CB	Wetland	Scenic Dr	1.4(10" RCP)[out]	
SD1.3	CB	Wetland	Scenic Dr	1.1(10"RCP)[in]; 1.4(12" RCP) [out]	
SD1.4	CB	Wetland	Scenic Dr	1.3(10" RCP)[out]	
SD1.5	CB	Wetland	Scenic Dr	1.6(10"RCP)[in]; DMH(12" RCP) [out]	
SD1.6	CB	Wetland	Scenic Dr	1.5(12" RCP)[out]	
SHA1.0	Outfall	Wyman Pond	Shore Ave	OSF- Outfall	dirt road 10 ft across and water flows
SHA1.1	OSF	Wyman Pond	Shore Ave	1.0 [out]	off the sides of street
SHR1.0	Outfall	Wetland	Stonehill Rd	CB- Culvert- Outfall	
SHR1.1	CB	Wetland	Stonehill Rd	1.0 [out]	
SHR2.0	Outfall	Wyman Pond	Stonehill Rd	Swale- Outfall	
SHR2.1	DI	Wyman Pond	Stonehill Rd	2.0 [out]	
SHR3.0	Outfall (DS)	Wyman Pond	Stonehill Rd	OSF- Outfall	
SHR3.1	Swale	Wyman Pond	Stonehill Rd	3.0 [out]	
SHR4.0	Outfall	Wetland	Stonehill Rd	CB- Outfall	
SHR4.1	CB	Wetland	Stonehill Rd	4.0 [out]	
SHR5.0	Outfall(OSF)	Wetland	Stonehill Rd	OSF- Culvert- Outfall	
SHR5.1	OSF	Wetland	Stonehill Rd	5.0 [out]	
SHR5.2	Culvert	Wetland	Stonehill Rd	5.0 [out]	
SPS1.0	Outfall	Grnwood Pond	Spring St	Swale- Outfall	
SPS1.1	Swale	Grnwood Pond	Spring St	1.0 [out]	
SS1.0	Outfall (12" RCP)	Mtghouse Res	South St	DI- CB- Outfall	
SS1.1	CB	Mtghouse Res	South St	1.2 [in]; 1.0 [out]	
SS1.2	DI	Mtghouse Res	South St	1.1 [out]	
SSR1.0	Outfall (OSF)	Wetland	South Shore Rd	OSF- Outfall	uncurbed 12 ft across water flows
SSR1.1	OSF	Wetland	South Shore Rd	1.0 [out]	off the sides of street
TR1.0	Outfall (OSF)	Brook	Turnpike Rd	OSF- Outfall	
TR1.1	OSF	Brook	Turnpike Rd	1.0 [out]	
TR2.0	Outfall	Wetland	Turnpike Rd	DI- Culvert- Outfall	
TR2.1	DI	Wetland	Turnpike Rd	2.0 [out]	

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TR3.0	Outfall (OSF)	Wetland	Turnpike Rd	OSF- Outfall	
TR3.1	OSF	Wetland	Turnpike Rd	3.0 [out]	
TR4.0	Outfall (OSF)	Wetland	Turnpike Rd	OSF- Outfall	
TR4.1	OSF	Wetland	Turnpike Rd	4.0 [out]	
TR5.0	Outfall (12" FCAP)	Wetland	Turnpike Rd	Swale- Culvert- Outfall	
TR5.1	Dirt Swale	Wetland	Turnpike Rd	5.2 [out]	
TR5.2	CC	Wetland	Turnpike Rd	5.1 [in]; 5.0 [out]	
TR6.0	Outfall	Wetland	Turnpike Rd	CB- DI- Outfall	
TR6.1	CB	Wetland	Turnpike Rd	6.2 [out]	
TR6.2	DI	Wetland	Turnpike Rd	6.1 [in]; 6.0 [out]	
VB1.0	Outfall (24" CMP)	Waterway	Vatican Blvd	CC wetlands- channel	Near church & fire station
VB1.1	CC	Waterway	Vatican Blvd	1.0 [out]	Fire trucks washed in parking lot?
VB2.0	Outfall (16" CMP)	Waterway	Vatican Blvd	CC wetlands-channel	Near church & fire station
VB2.1	CC	Waterway	Vatican Blvd	2.0 [out]	Fire trucks washed in parking lot?
VIR1.0	Outfall	Wetland	Village Inn Rd	CB- Outfall	Outfall not found, located behind fence
VIR1.1	CB	Wetland	Village Inn Rd	1.0 [out]	located near Rt 2
VIR2.0	Outfall	Wetland	Village Inn Rd	CB- DMH- Outfall	
VIR2.1	CB	Wetland	Village Inn Rd	DMH [in]; 2.0 [out]	
VIR2.2	CB	Wetland	Village Inn Rd	DMH [out]	
VIR3.0	Outfall (24" RCP)	Wetland	Village Inn Rd	CB- DMH- Outfall *system dwn ctr st	Outfall 24" flared RCP
VIR3.1	CB	Wetland	Village Inn Rd	DMH [in]; 3.0 [out]	
VIR3.2	CB	Wetland	Village Inn Rd	DMH [out]	
VIR3.3	CB	Wetland	Village Inn Rd	DMH [out]	
VIR3.4	CB	Wetland	Village Inn Rd	DMH [out]	
VIR3.5	CB	Wetland	Village Inn Rd	DMH [out]	
VIR3.6	CB	Wetland	Village Inn Rd	DMH [out]	
VIR3.7	CB	Wetland	Village Inn Rd	DMH [out]	Running water/ Watchusett VI- 6" PVC
VIR3.8	CB	Wetland	Village Inn Rd	3.9 [in]; DMH [out]	
VIR3.9	CB	Wetland	Village Inn Rd	3.10 [in]; 3.8 [out]	
VIR3.10	CB	Wetland	Village Inn Rd	3.9 [out]	
VIR4.0	Outfall (24" RCP)	Forested area	Village Inn Rd	CB- DMH- Outfall *system dwn ctr st	
VIR4.1	CB	Forested area	Village Inn Rd	DMH [in]; 4.0 [out]	
VIR4.2	CB	Forested area	Village Inn Rd	DMH [out]	
VIR4.3	CB	Forested area	Village Inn Rd	DMH [out]	
VIR4.4	CB	Forested area	Village Inn Rd	DMH [out]	Across from Mobile Gas/ Hair Salon
VIR4.5	CB	Forested area	Village Inn Rd	DMH [out]	Across from Mobile Gas/ Hair Salon

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VIR4.6	CB	Forested area	Village Inn Rd	DMH [out]	Across from Mobile Gas
VIR4.7	CB	Forested area	Village Inn Rd	DMH [out]	Across from Mobile Gas
VIR5.0	Outfall (18" RCP)	Drainage Ditch	Village Inn Rd	Swale- Outfall	Drainage ditch on South side of Rd
VIR5.1	Swale	Drainage Ditch	Village Inn Rd	5.0 [out]	
VIR6.0	Outfall (24" RCP)	Forested area	Village Inn Rd	CB- DMH- Outfall	24" Flared RCP with running water
VIR6.1	CB	Forested area	Village Inn Rd	DMH [in}; 6.0 [out]	
VIR6.2	CB	Forested area	Village Inn Rd	DMH [out]	
VIR6.3	CB	Forested area	Village Inn Rd	DMH [out]	
VIR6.4	CB	Forested area	Village Inn Rd	DMH [out]	
VIR6.5	CB	Forested area	Village Inn Rd	DMH [out]	
VIR6.6	CB	Forested area	Village Inn Rd	DMH [out]	
VIR6.7	CB	Forested area	Village Inn Rd	DMH [out]	
VIR7.0	Outfall (16" CMP)	Forested area	Village Inn Rd	CB- Outfall	
VIR7.1	CB	Forested area	Village Inn Rd	7.2 [in]; 7.0 [out]	
VIR7.2	CB	Forested area	Village Inn Rd	7.3 [in]; 7.1 [out]	
VIR7.3	CB	Forested area	Village Inn Rd	7.2 [out]	
VR1.0	Outfall (24" RCP)	Wyman Pond	Val Rd	CB- DI- Outfall	Condo sediments
VR1.1	DI	Wyman Pond	Val Rd	1.2 [in]; 1.0 [out]	draining into pond
VR1.2	Bit Swale	Wyman Pond	Val Rd	1.3, 1.4[in]; 1.1[out]	
VR1.3	CB	Wyman Pond	Val Rd	1.2[out]	
VR1.4	DI	Wyman Pond	Val Rd	1.2[out]	
WAD1.0	Outfall	Wyman Pond	Wachuset Dr	CB- Culver- Outfall	
WAD1.1	CB	Wyman Pond	Wachuset Dr	1.2 [in]; 1.0[out]	
WAD1.2	CB	Wyman Pond	Wachuset Dr	1.1 [out]	
WAD2.0	Outfall	Wyman Pond	Wachuset Dr	CB- Outfall	
WAD2.1	CB	Wyman Pond	Wachuset Dr	2.2[in];2.0[out]	
WAD2.2	CB	Wyman Pond	Wachuset Dr	2.3[in]; 2.1[out]	
WAD2.3	CB	Wyman Pond	Wachuset Dr	2.2[out]	
WD1.0	Outfall	Drain Easement	Woodland Dr	CB- Outfall	Detention pond when filled
WD1.1	CB	Drain Easement	Woodland Dr	1.2[in]; 1.0 [out]	drains into Crocker pond
WD1.2	CB	Drain Easement	Woodland Dr	1.1[in]	
WD2.0	Outfall (16" RCP)	Wetland	Woodland Dr	CB- Outfall	
WD2.1	CB	Wetland	Woodland Dr	2.2 [in]; 2.0 [out]	
WD2.2	CB	Wetland	Woodland Dr	2.1 [out]	
WD3.0	Outfall (18" RCP)	Wetland	Woodland Dr	CB- Outfall	
WD3.1	CB	Wetland	Woodland Dr	DMH(12" RCP)[out]	

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WD3.2	CB	Wetland	Woodland Dr	DMH(12" RCP)[out]	
WD4.0	Outfall 18" RCP	Det Pond	Woodland Dr	CB- Outfall *system runs Ctr Rd	Outfall next to #31
WD4.1	CB	Det Pond	Woodland Dr	DMH (12" RCP)[out]	
WD4.2	CB	Det Pond	Woodland Dr	DMH (12" RCP)[out]	
WD4.3	CB	Det Pond	Woodland Dr	DMH (12" RCP)[out]	
WD4.4	CB	Det Pond	Woodland Dr	(12" RCP)[out]	
WD4.5	CB	Det Pond	Woodland Dr	DMH (12" RCP)[out]	
WD4.6	CB	Det Pond	Woodland Dr	DMH (12" RCP)[out]	
WD4.7	CB	Det Pond	Amber Rd	DMH (12" RCP)[out]	CB located next to #2 Amber
WD4.8	CB	Det Pond	Amber Rd	DMH (12" RCP)[out]	CB located next to #2 Amber
WD4.9	CB	Det Pond	Amber Rd	DMH (12" RCP)[out]	
WD4.10	CB	Det Pond	Amber Rd	DMH (12" RCP)[out]	
WD5.0	Outfall (18" RCP)	Wetland	Woodland Dr	CB- Outfall	All of Taymax drains to Outfall
WD5.1	CB	Wetland	Taymax Rd	5.2[in]; 5.0 [out]	CB next to #5 Taymax
WD5.2	CB	Wetland	Taymax Rd	5.1 [out]	
WD5.3	CB	Wetland	Taymax Rd	DMH[out]	
WD5.4	CB	Wetland	Taymax Rd	DMH[out]	beginning of Taymax
WD5.5	CB	Wetland	Woodland Dr	5.7 [in[; DMH[out]	
WD5.6	CB	Wetland	Woodland Dr	DMH[in]; 5.0[out]	Pair connects directly to Outfall
WD5.7	CB	Wetland	Woodland Dr	5.5 [out]	
WD5.8	CB	Wetland	Woodland Dr	DMH[out]	Next to Oakwood Court
WD5.9	CB	Wetland	Woodland Dr	DMH[out]	
WD6.0	Outfall (24" RCP)	Det Basin	Woodland Dr	CB- Outfall	
WD6.1	CB	Det Basin	Woodland Dr	DMH[out]	
WD6.2	CB	Det Basin	Woodland Dr	DMH[out]	
WD6.3	CB	Det Basin	Woodland Dr	DMH[out]	Next to #15
WD6.4	CB	Det Basin	Woodland Dr	DMH[out]	
WD6.5	CB	Det Basin	Woodland Dr	DMH[out]	
WD6.6	CB	Det Basin	Woodland Dr	DMH[out]	
WD6.7	CB	Det Basin	Woodland Dr	DMH[out]	across fm #4
WD6.8	CB	Det Basin	Woodland Dr	DMH[out]	Drains directly into Outfall
WD7.0	Outfall (12" RCP)	Det Basin	Woodland Dr	CB- Outfall	Over grown det basin
WD7.1	CB	Det Basin	Woodland Dr	DMH[out]	across fm Outfall
WD7.2	CB	Det Basin	Woodland Dr	DMH[out]	
WD8.0	Outfall (18" RCP)	Det Basin	Woodland Dr	CB- Outfall	Outfall behind house #1
WD8.1	CB	Det Basin	Woodland Dr	DMH[out]	

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WD8.2	CB	Det Basin	Woodland Dr	DMH[out]	
WD8.3	CB	Det Basin	Woodland Dr	DMH[out]	
WD8.4	CB	Det Basin	Woodland Dr	DMH[out]	
WH1.0	Outfall 9 (15" RCP)	Wetland	West Hill Dr	CB- Culvert- Outfall	
WH1.1	CB	Wetland	Roper Rd	DMH (15" RCP) [out]	
WH1.2	CB	Wetland	Roper Rd	DMH (15" RCP) [out]	
WH1.3	CB	Wetland	West Hill Dr	DMH (12" RCP) [out]	
WH1.4	CB	Wetland	West Hill Dr	DMH (12" RCP) [out]	
WH1.5	CB	Wetland	West Hill Dr	DMH (12" RCP) [out]	
WH1.6	CB	Wetland	West Hill Dr	DMH (12" RCP) [out]	
WH1.7	Culvert	Wetland	South Ash Rd	DMH(12" RCP) [in] 1.0 (15" RCP) [out]	
WH2.0	Outfall (21" RCP)	Detention Basin	West Hill Dr	CB- Outfall	
WH2.1	CB	Detention Basin	West Hill Dr	DMH (18" RCP) [out]	
WH2.2	CB	Detention Basin	West Hill Dr	DMH (18" RCP) [out]	
WH2.3	CB	Detention Basin	West Hill Dr	DMH (15" RCP) [out]	
WH2.4	CB	Detention Basin	West Hill Dr	DMH (15" RCP) [out]	
WH2.5	CB	Detention Basin	West Hill Dr	DMH (12" RCP) [out]	
WH2.6	CB	Detention Basin	West Hill Dr	DMH (12" RCP) [out]	
WH2.7	CB	Detention Basin	West Hill Dr	DMH (12" RCP) [out]	
WH2.8	CB	Detention Basin	West Hill Dr	DMH (12" RCP) [out]	
WH2.9	CB	Detention Basin	West Hill Dr	DMH (12" RCP) [out]	
WH2.10	CB	Detention Basin	West Hill Dr	DMH (12" RCP) [out]	
WH3.0	Outfall (24" RCP)	Detention Basin	West Hill Dr	CB- Outfall	
WH3.1	CB	Detention Basin	West Hill Dr	DMH (15" RCP) [out]	
WH3.2	CB	Detention Basin	West Hill Dr	DMH (15" RCP) [out]	
WH3.3	CB	Detention Basin	West Hill Dr	DMH (12" RCP) [out]	
WH3.4	CB	Detention Basin	West Hill Dr	DMH (12" RCP) [out]	
WH3.5	CB	Detention Basin	West Hill Dr	DMH (12" RCP) [out]	
WH3.6	CB	Detention Basin	West Hill Dr	DMH (12" RCP) [out]	
WL1.0	Outfall	Wetland	Waterman Ln	CB- Outfall	Outfall not found, located behind fence
WL1.1	CB	Wetland	Waterman Ln	1.2 [in]; DMH [out]	
WL1.2	CB	Wetland	Waterman Ln	1.3 [in]; 1.1[out]	
WL1.3	CB	Wetland	Waterman Ln	1.2 [out]	
WL2.0	Outfall	Wetland	Waterman Ln	CB- Outfall	Outfall not found, located behind fence
WL2.1	Outfall	Wetland	Waterman Ln	2.0 [out]	
WM1.0	Outfall (12" RCP)	Wetland	West Main St	CB-Outfall	

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WM1.1	CB	Wetland	West Main St	1.2 1.6 [in]; 1.0 [out]	
WM1.2	CB	Wetland	West Main St	1.1 [out]	
WM1.3	CB	Wetland	West Main St	1.4 [out]	
WM1.4	CB	Wetland	West Main St	1.3 [in]; 1.5 [out]	
WM1.5	CB	Wetland	West Main St	1.4 [in]; 1.6 [out]	
WM1.6	CB	Wetland	West Main St	1.5 [in]; 1.1 [out]	
WM2.0	Outfall (12" RCP)	Wetland	West Main St	CB-Outfall	
WM2.1	CB	Wetland	West Main St	2.2 [in]; 2.0 [out]	
WM2.2	CB	Wetland	West Main St	2.3 [in]; 2.1 [out]	
WM2.3	CB	Wetland	West Main St	2.2 [out]	
WM3.0	Outfall	Wetland	West Main St	CB- Outfall	
WM3.1	CB	Wetland	West Main St	3.2 [in]; 3.0 [out]	
WM3.2	CB	Wetland	West Main St	3.3 [in]; 3.1 [out]	
WM3.3	CB	Wetland	West Main St	3.2 [out]	
WM4.0	Outfall (12" RCP)	Wetland	West Main St	CB-Outfall	
WM4.1	CB	Wetland	West Main St	4.2 [in]; 4.0 [out]	
WM4.2	CB	Wetland	West Main St	4.3 [in]; 4.1 [out]	
WM4.3	CB	Wetland	West Main St	4.4, 4.7 [in]; 4.2 [out]	
WM4.4	CB	Wetland	West Main St	4.5 [in]; 4.3 [out]	
WM4.5	CB	Wetland	West Main St	4.6 [in]; 4.4 [out]	
WM4.6	CB	Wetland	West Main St	4.5 [out]	
WM4.7	CB	Wetland	West Main St	4.8 [in]; 4.3 [out]	
WM4.8	CB	Wetland	West Main St	4.9 [in]; 4.7 [out]	
WM4.9	CB	Wetland	West Main St	4.8 [out]	
WM5.0	Outfall (12" RCP)	Wetland	West Main St	CB-Outfall	
WM5.1	CB	Wetland	West Main St	5.2 [in]; 5.0 [out]	
WM5.10	CB	Wetland	West Main St	5.8 [out]	
WM5.2	CB	Wetland	West Main St	5.3 [in]; 5.1 [out]	
WM5.3	CB	Wetland	West Main St	5.4 5.8 [in]; 5.2 [out]	
WM5.4	CB	Wetland	West Main St	DMH [in]; 5.3 [out]	
WM5.5	CB	Wetland	West Main St	5.6, 5.7 [in]; DMH [out]	
WM5.6	CB	Wetland	West Main St	5.5 [out]	
WM5.7	CB	Wetland	West Main St	5.5 [out]	
WM5.8	CB	Wetland	West Main St	5.9, 5.10 [in]; 5.3 [out]	
WM5.9	CB	Wetland	West Main St	5.8 [out]	
WM6.0	Outfall (18" RCP)	Wetland	West Main St	CB-Outfall	

ID		Receiving H2O		Network	
WM6.1	CB	Wetland	West Main St	6.2 [in]; 6.0 [out]	
WM6.2	CB	Wetland	West Main St	6.3 [in]; 6.1 [out]	
WM6.3	CB	Wetland	West Main St	6.4 [in]; 6.2 [out]	
WM6.4	CB	Wetland	West Main St	6.3 [out]	
WM7.0	Outfall (18" RCP)	Wetland	West Main St	CB-Outfall	
WM7.1	CB	Wetland	West Main St	7.2 [in]; 7.0 [out]	
WM7.2	CB	Wetland	West Main St	7.3 [in]; 7.1 [out]	
WM7.3	CB	Wetland	West Main St	7.4 [in]; 7.2 [out]	
WM7.4	CB	Wetland	West Main St	7.5 [in]; 7.3 [out]	
WM7.5	CB	Wetland	West Main St	7.4 [out]	
WM8.0	Outfall (12" RCP)	Wetland	West Main St	CB- DMH- Outfall	
WM8.1	CB	Wetland	West Main St	8.2 (12" RCP)[in]; 8.0 (12"RCP)[out]	
WM8.2	CB	Wetland	West Main St	DMH(12" RCP)[in]; 8.1 (12"RCP)[out]	
WM8.3	CB	Wetland	West Main St	DMH(12" RCP)[in];DMH (12"RCP)[out]	
WM8.4	CB	Wetland	West Main St	8.5(12" RCP)[in]; DMH(12"RCP)[out]	
WM8.5	CB	Wetland	West Main St	8.4(12" RCP)[out]	
WM9.0	Outfall	Wetland	West Main St	CB-Outfall	
WM9.1	CB	Wetland	West Main St	DMH [in]; 9.0 [out]	
WM9.2	CB	Wetland	West Main St	DMH [out]	
WM9.3	CB	Wetland	West Main St	DMH [out]	
WM9.4	CB	Wetland	West Main St	DMH [out]	
WM9.5	CB	Wetland	West Main St	DMH [out]	
WM9.6	CB	Wetland	West Main St	9.7 [in]; DMH [out]	
WM9.7	CB	Wetland	West Main St	9.8, 9.9 [in]; 9.6 [out]	
WM9.8	CB	Wetland	West Main St	9.7 [out]	
WM9.9	CB	Wetland	West Main St	9.7 [out]	
WM10.0	Outfall	Wetland	West Main St	CB- Outfall	
WM10.1	CB	Wetland	West Main St	10.0 [out]	
WM11.0	Outfall	Wetland	West Main St	CB- DMH- Outfall	
WM11.1	CB	Wetland	West Main St	11.2 [in]; DMH [out]	
WM11.2	CB	Wetland	West Main St	11.3 [in]; 11.1 [out]	
WM11.3	CB	Wetland	West Main St	11.2 [out]	
WM11.4	CB	Wetland	West Main St	DMH [out]	
WM11.5	CB	Wetland	West Main St	DMH [out]	
WM11.6	CB	Wetland	West Main St	DMH [out]	
WM11.7	CB	Wetland	West Main St	DMH [out]	

ID		Receiving H2O		Network	
WM11.8	CB	Wetland	West Main St	DMH [out]	
WM11.9	CB	Wetland	West Main St	DMH [out]	
WM11.10	CB	Wetland	West Main St	DMH [out]	
WM12.0	Outfall	Wetland	West Main St	CB- DMH- Outfall	
WM12.1	CB	Wetland	West Main St	DMH [in]; 12.0 [out]	
WM12.2	CB	Wetland	West Main St	DMH [out]	
WM12.3	CB	Wetland	West Main St	DMH [out]	
WM12.4	CB	Wetland	West Main St	DMH [out]	
WM13.0	Outfall	Wetland	West Main St	CB- DMH- Outfall	Located near Abuchon Hardware
WM13.1	CB	Wetland	West Main St	DMH [in]; 13.0 [out]	
WM13.2	CB	Wetland	West Main St	DMH [out]	
WM13.3	CB	Wetland	West Main St	DMH [out]	
WM13.4	CB	Wetland	West Main St	DMH [out]	
WM13.5	CB	Wetland	West Main St	DMH [out]	
WM13.6	CB	Wetland	West Main St	DMH [out]	
WM13.7	CB	Wetland	West Main St	DMH [out]	
WM14.0	Outfall	Wetland	West Main St	CB- Outfall	
WM14.1	Swale	Wetland	West Main St	14.0 [out]	
WM15.0	Outfall	Wetland	West Main St	CB- Outfall	
WM15.1	CB	Wetland	West Main St	15.2, 15.7 [in]; 15.0 [out]	Located in yard of #11 (fertilizers?)
WM15.2	CB	Wetland	West Main St	15.3 [in]; 15.1 [out]	
WM15.3	CB	Wetland	West Main St	15.4 [in]; 15.2 [out]	
WM15.4	CB	Wetland	West Main St	15.3 [out]	Located in yard of #3 (fertilizers)
WM15.5	CB	Wetland	West Main St	15.6 [out]	
WM15.6	CB	Wetland	West Main St	15.5 [in]; 15.7 [out]	
WM15.7	CB	Wetland	West Main St	15.6 [in]; 15.1 [out]	
WOS1.0	Outfall (12" CMP)	Wetland	Worcester St	DI- Outfall	
WOS1.1	DI	Wetland	Worcester St	1.2 [in]; 1.0 [out]	
WOS1.2	DI	Wetland	Worcester St	1.1 [out]	
WOS1.3	Swale	Wetland	Worcester St	1.0 [out]	
WOS2.0	Outfall (DS)	Wetland	Worcester St	Swale- Outfall	
WOS2.1	Swale	Wetland	Worcester St	2.0 [out]	
WR1.0	Outfall (18" CAP)	Wetland	Wyman Rd	CB- Outfall	Located in the grass-caved in-damaged
WR1.1	CB	Wetland	Wyman Rd	1.2 [in]; 1.0 [out]	
WR1.2	CB	Wetland	Wyman Rd	1.3 [in]; 1.1[out]	
WR1.3	CB	Wetland	Wyman Rd	1.2 [out]	

ID		Receiving H2O		Network	
WR2.0	Outfall (12" CMP)	Wetland	Wyman Rd	CB- Outfall	12" Flared CMP
WR2.1	CB	Wetland	Wyman Rd	2.0 [out]	
WR3.0	Outfall (12" CMP)	Wetland	Wyman Rd	CB- Outfall	
WR3.1	CB	Wetland	Wyman Rd	3.0 [out]	
WR4.0	Outfall(36" HDP)	Wetland	Wyman Rd	CB- Outfall	36" Flared HDP
WR4.1	CB	Wetland	Wyman Rd	4.2 [in]; 4.0 [out]	
WR4.2	CB	Wetland	Wyman Rd	4.1 [out]	
WR4.3	CB	Wetland	Wyman Rd	DMH [out]	
WR4.4	CB	Wetland	Wyman Rd	DMH [out]	
WR5.0	Outfall (12" CMP)	Wetland	Wyman Rd	CB- Outfall	Overflow from the Detention basin
WR5.1	CB	Wetland	Wyman Rd	5.0 [out]	
WR6.0	Outfall (12" CMP)	Wetland	Wyman Rd	CB- DMH- Outfall	In the Doctors office parking lot
WR6.1	CB	Wetland	Wyman Rd	DMH [out]	
WR6.2	CB	Wetland	Wyman Rd	6.3 [in]; DMH[out]	
WR6.3	CB	Wetland	Wyman Rd	6.2 [out]	
WR7.0	Outfall (12" CMP)	Wetland	Wyman Rd	CB- Outfall	In the Doctors office parking lot
WR7.1	CB	Wetland	Wyman Rd	7.0 [out]	
WR8.0	Outfall	Wetland	Wyman Rd	CB- Outfall	Outfall not found, located behind fence
WR8.1	CB	Wetland	Wyman Rd	8.0 [out]	In the Doctors office parking lot
WS1.0	Outfall 9(DS)	Rights Res	Whitney St	Swale- Outfall	uncurbed, 20 ft wide crowned rd
WS1.0	Swale	Rights Res	Whitney St	1.0 [out] 150 yds st drainage	Outfall located next to #15
WS2.0	Outfall (48" CAP)	Upper Res	Whitney St	Swale- Culvert- Outfall	uncurbed, 20 ft wide crowned rd
WS2.1	Swale	Upper Res	Whitney St	2.2 [out]; 20 yds st drainage	
WS2.2	CC	Upper Res	Whitney St	2.1 [in]; 2.0 [out]	
WS3.0	Outfall	Upper Res	Whitney St	Swale- Outfall	uncurbed, 20 ft wide crowned rd
WS3.1	Swale	Upper Res	Whitney St	3.0 [out]70 yds st drainage	
WS4.0	Outfall	Upper Res	Whitney St	Swale- Outfall	uncurbed, 20 ft wide crowned rd
WS4.1	Swale	Upper Res	Whitney St	4.0 [out]	
WS5.0	Outfall	Upper Res	Whitney St	Swale- Outfall	uncurbed, 20 ft wide crowned rd
WS5.1	Swale	Upper Res	Whitney St	5.0 [out]	
WS6.0	Outfall (12" CMP)	Wetland	Whitney St	CB- Outfall	uncurbed, 20 ft wide crowned rd
WS6.1	CB	Wetland	Whitney St	6.1 [in]; 6.0 [out]	
WS6.2	CB	Wetland	Whitney St	6.1 [out]	
WS7.0	Outfall	Wetland	Whitney St	OSF- Outfall	uncurbed, 20 ft wide crowned rd
WS7.1	OSF	Wetland	Whitney St	7.0 [out]; 70 yds st drainage	Across fm #804
WSS1.0	Outfall	Wetland	W. School Sys	CB- DMH- Outfall	School sports fields may use fertilizers

ID		Receiving H2O		Network	
WSS1.1	CB	Wetland	W. School Sys	DMH [out]	pesticides which drain into the
WSS1.2	CB	Wetland	W. School Sys	1.3 [in]; DMH [out]	stormwater.
WSS1.3	CB	Wetland	W. School Sys	1.2 [out]	
WSS1.4	CB	Wetland	W. School Sys	DMH [out]	
WSS1.5	CB	Wetland	W. School Sys	1.0 [out]	
WSS1.6	CB	Wetland	W. School Sys	DMH [out]	

Note- The Highlighted Regions depict an area that has been mapped and are in close proximity to, but are not in the Urbanized Area.

Legend

CAP= Corrugated Aluminum Piping
CB= Catch Basin
CC= Cross Culvert
CMP= Corrugated Metal Piping
DI= Drop Inlet
DMH-Drop Man Hole
DS= Drainage Swale
NF= Not Found
OSF= Overland Sheet Flow
PCMP= Peripheries Corrugated Metal Piping
RCP= Reinforced Concrete Piping
UA= Urbanized Area